

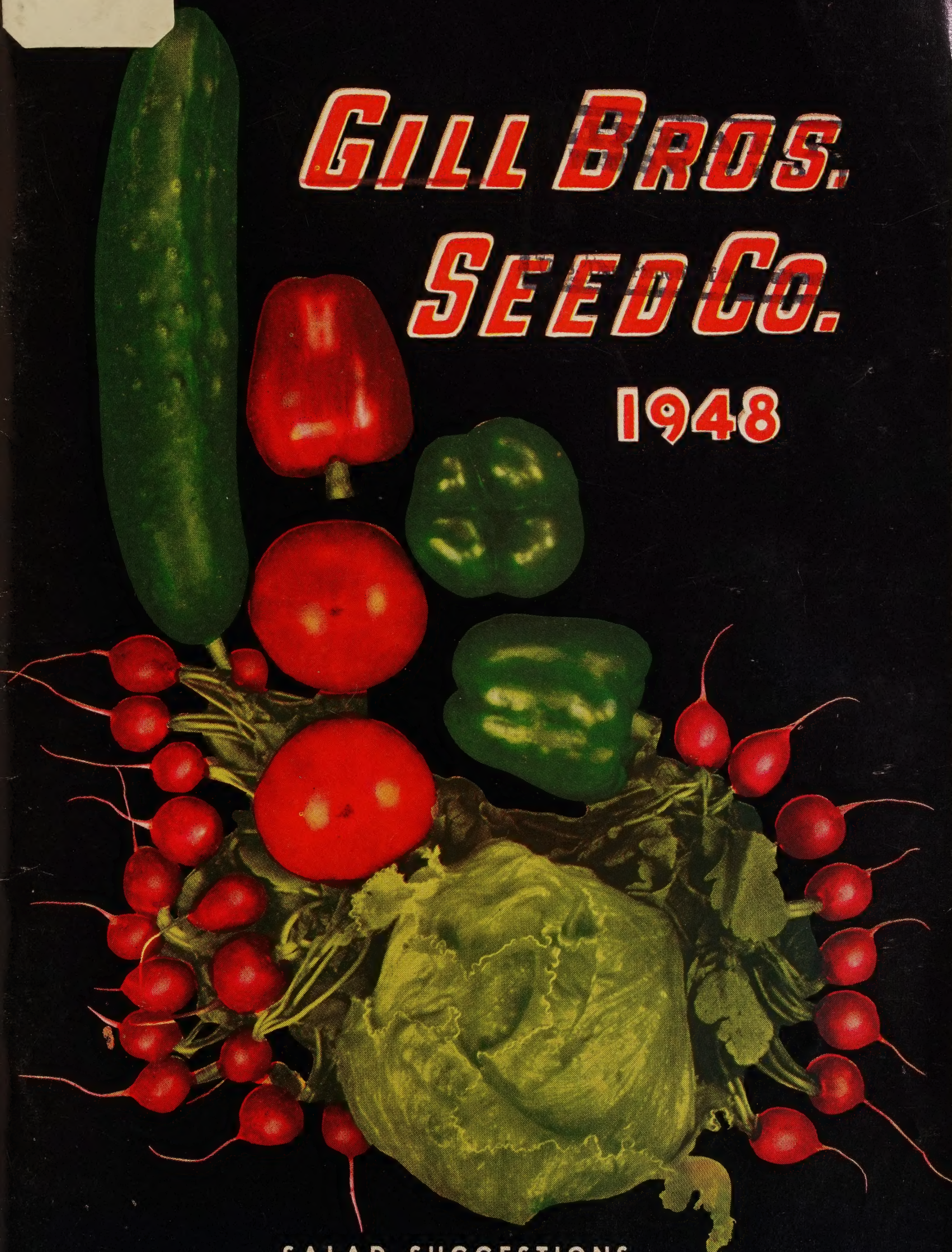
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62:71

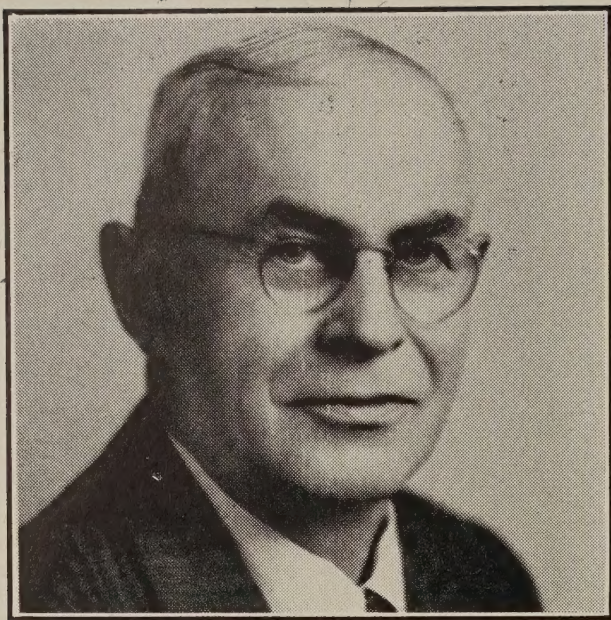
GILL BROS. SEED CO.

1948

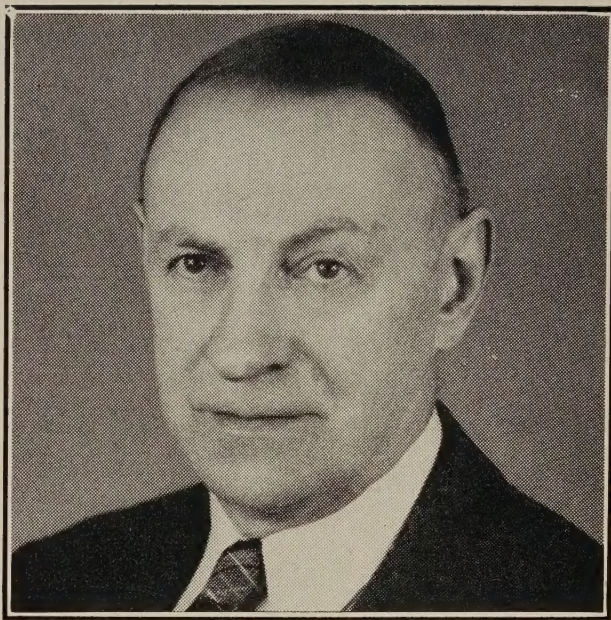


SALAD SUGGESTIONS

CUCUMBER, The Vaughan PEPPERS, California Wonder TOMATOES, Wasatch Beauty
LETTUCE, Early Great Lakes RADISH, Comet



EDW. E. GILL



RAY W. GILL

JUST A LITTLE CHAT WITH YOU

Thirty-eight years ago we started this business. That was a very small beginning—just a little four-page circular offering a few items we had originated. Today, we number our customers by the thousands all over the United States and Canada. From boyhood, on our father's farm, we grew up in market gardener farming and that experience enabled us to understand the needs and problems of the vegetable grower.

Having been market gardeners ourselves it was quite natural for us to specialize in market gardener requirements. All of our seeds therefor are grown or purchased to meet the quality required by these gardeners. This is also a distinct advantage to home gardeners and farmers, for we supply them all from the same sources. We supply seeds to several thousand market gardeners. On our farms near Portland, Oregon, we continually strive to develop new varieties and to improve many of the standard sorts. We always endeavor to secure the best rather than the cheapest. Cheap seeds are generally dear at any price. Seeds are a very small part of the cost in growing a crop and it pays every grower, small to large, to buy the best.

Our business is a partnership owned and controlled by Ray W. Gill and Edward E. Gill. We believe in giving good service as well as good seeds. However, there are seasonal rushes which sometimes cause delays. We suggest early orders and this will reduce the rush periods.

We will always strive to do our best; however, if you do have a complaint please write and be assured of courteous treatment.

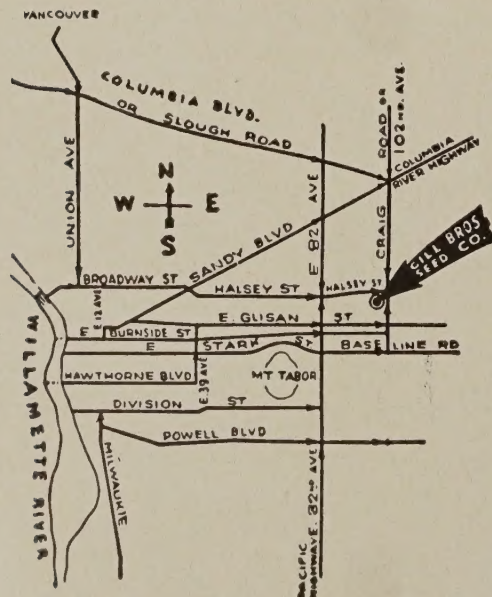
GILL BROS. SEED CO.

Ray W. Gill

Edw. E. Gill

How to Reach the Farm

Retail salesrooms at warehouse and office.



Take 90th Avenue street car on Montavilla line to 90th Avenue, thence six blocks east and four north to farm.

By auto to 82nd Avenue or 102nd Avenue thence to Halsey Street.

Office and farm at 99th Avenue and Halsey (See diagram map).

Visitors are always welcome at our farm.

Our Fall Catalog

Our Fall catalog of 32 pages was issued last September. It lists many items still available for early planting in January and February. If you did not receive our Fall catalog we will be glad to mail you one. During the last two years we have issued a Fall catalog describing a very complete line of Fall bulbs and plants. We specialize in Oregon-grown Daffodils, also imported large, high quality Tulips and Hyacinths for Fall planting. We also have a very complete line of other flower bulbs.

We suggest that when you are in need of these items that you keep our bulbs in mind.

We send this Fall catalog to all our seed customers; however, if you did not receive one, please write us.

Thirty-eighth Annual Catalog
Gill Bros. Seed Company

LIBRARY
RECEIVED
JUN 30 1948

DOWN TOWN SALES ROOM
832 S. W. 4th Ave. nr. Yamhill St.
Portland 4, Oregon

MONTAVILLA STA., PORTLAND 16, ORE.
Main Office, Farm and Retail Seed Department
N. E. 99th Ave. and Halsey

SEATTLE STORE
1600 Pike Pl.
Tabor 3261

Dear Customers and Readers:

This is not a large, pretentious catalog, yet it brings you an honest message about seeds, bulbs, etc. The high quality of our goods is favorably known throughout the Northwest, besides which we have many customers throughout the nation. For years we have been introducing special strains of seeds here on our own farms and many new varieties of our own origin are recognized as leaders by market gardeners.

We specialize in Northwest grown seeds and where these are not obtainable we procure the best without regard to cost from the world's best growers. Seeds grown in moderate summer and winter conditions of the Northwest have great vitality and vigor. Northwest grown seeds are indicated in this catalog with a star. If you have not tried our seeds, please give us a trial order. Many of the largest growers and associations in the Northwest depend on our goods. Order early, as some varieties are short.

Our catalog has been prepared with the desire to have it sensible and free from exaggeration. The cuts used are mostly made from photographs taken from samples grown by ourselves and are reasonable illustrations of the results obtained from our seeds. We are opposed to filling our catalog with a long list of worthless novelties and are confining our list to the fewest possible varieties, and introducing only those new sorts which have some added value over other introductions. Those who receive more than one copy of our catalog will confer a favor by handing it to someone interested.

Our files show us the names of all who have sent us an order. To these we mail our catalog each year, and we also mail our catalog again to all who have received our catalog the first time last season, regardless of whether they sent us an order or not. However, we will send catalogs free upon request. All members of a family should order under one name.

OUR WARRANTY

We give no warranty, expressed or implied, as to the productiveness of any seeds or bulbs we sell and we will not be in any way responsible for the crop. Our liability in all instances is limited to the purchase price of the seed.

MISTAKES

Like all human beings, we are apt to make mistakes in filling orders, and if an error occurs we will consider it a favor to be notified at once so that we can rectify the oversight.

If you have a complaint, tell us first. In the rush of spring business, mistakes may happen; if so, tell us pleasantly about it and be assured of courteous treatment.

SUBSTITUTION

IN VIEW OF THE FACT THAT SOME KINDS OF SEEDS ARE SHORT THIS YEAR, we would suggest that customers give as much as possible their permission for us to substitute the nearest variety to the one ordered in case we should be sold out. On items of small importance, or during the rush of planting season, when time is precious, we may send other sorts if out of the ones ordered, but such substitutions may be returned for credit if unsatisfactory to the purchaser.

VEGETABLE SEED SUBJECT TO CHANGE IN EXTREME CASES

Considering the many added costs of doing business our prices are reasonable. We hope to be able to maintain these prices, but they are subject to change in extreme cases.

HELPFUL SUGGESTIONS

We are always willing to offer any assistance in our power regarding culture, best varieties for your soil and market, etc. We will also be glad to consider any suggestions you may wish to make to us.

HOW TO ORDER

Send all mail orders to Montavilla Station, Portland 16, Oregon.

Order early, as there is a heavy demand on some stocks and they may be exhausted.

Remittance must accompany your order. Stamps are accepted up to \$1.00. Money orders, Express Orders, Bank Drafts and Certified Checks are preferred, although other checks are accepted for collection.

If your remittance should be short, we will send you in accordance with the amount paid and thus avoid delay.

Prices in this catalog marked "Not Prepaid" do not cover shipping expenses.

Except where noted (Not Prepaid) all prices are postpaid.

All prices up to and including one pound include shipping expenses and for more only when indicated. Give shipping instructions and write your name and address plainly on your order.

Write your correspondence on a separate sheet from your order. The seed season is a rush season.

SAVE MONEY BY PARCEL POST . . . PLEASE READ

In ordering seeds in quantity you can save money by using our prices, marked "Not Prepaid" in this catalog. Simply add postage to these prices at the zone rate. In case you do not know the zone to Portland, just include extra and mark order "postage allowance." Please send sufficient. Many orders are short on postage causing delays and added expense. Any overrun will be refunded to you.

PRACTICAL EXPERIENCE

As market gardeners and the many tests we have made for years has given us a thorough knowledge of the varieties best suited for our climate, and aside from those varieties which we grow, has enabled us to secure our seed from the best sources. In that respect we differ from the average seed store where the experience is more from a selling standpoint.

WE SPECIALIZE IN MARKET GARDENER TRADE

Thousands of market gardeners all over the United States look to us for high-grade seeds. If you buy in large quantities, write us a list giving variety and quantity and we will be glad to quote our quantity rates.

SEED TESTS

Our seeds are tested; all seeds on hand are tested before sending out and on those purchased during the rush season we secure the test from the seller.



PRESS OF RYDER PRINTING CO.
1027 S. W. Fifth Ave., Portland, Ore.

VEGETABLES

Artichoke

LARGE GREEN GLOBE—They stand considerable cold but should be mulched with straw against severe freezing. Plant three feet apart in the row and six feet between rows. The green buds are used. Start in hotbeds. They can be grown successfully in the Pacific Northwest. **Postpaid. Pkt. 10c; oz. 60c.**

PLANTS—**Postpaid, 35c each; 3 for \$1.00; doz. \$3.00.** Ready after March 1st.

***JERUSALEM**—The tubers are used for stock feed. **Postpaid, 2½ lbs. 50c. Not prepaid, 10 lbs. @ 7c lb.; 100 lbs. @ \$5.00.**

Asparagus Roots

MARY WASHINGTON—No. 1. **Postpaid. Doz. 50c; 50 @ \$1.35; 100 @ \$2.00. Not prepaid, 1000 @ \$12.50.**

PARADISE—No. 1. **Postpaid. Doz. 65c; 50 @ \$1.70; 100 @ \$2.50. Not prepaid, 1000 @ \$14.00.**

Asparagus Seed

CULTURE—The seed is of slow germination and should be planted early in the season. Plant roots in well drained soil about two feet apart in the row and five to six feet between rows.

MARY WASHINGTON—Heavy yielding with large green stalks of fine quality. Practically immune to rust and other diseases. We carry a special selected strain. **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.65. Not prepaid, 5 lbs. @ \$1.50 lb.**



Longgreen Beans

ASPARAGUS SEED—Continued

PARADISE—This new variety has the same rich green color and deliciously mild flavor as Mary Washington. It is very early, also resistant to rust and a much heavier yielder. **Postpaid. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$3.75.**

BUSH BEANS

CULTURE—Plant about May 1st for early beans, or as soon as the ground becomes warm, in rows 2½ to 3 feet apart except pole beans, 3½ to 4 feet. Cover from 1½ to 3 inches deep according to weather conditions. Large seeded beans require warmer weather to germinate than small beans. Never cultivate or hoe beans when the foliage is wet from dew or rains, as it will cause rust. Where beans have not previously been grown on the land it is valuable to use NITRAGIN. Our radio talk on beans sent free upon request. All white seeded beans need careful planting for early crops as they do not stand cold ground like colored beans.

PRICES—Unless noted at higher rates, are uniformly: **Postpaid. Pkt. 10c; ½ lb. 25c; lb. 45c.** For 4th zone and beyond, **lb. 50c. Not prepaid, lb. 40c; 5 lbs. of one variety @ 35c lb.** Write for prices on larger quantities.

GILL'S RELIABLE—A pioneer bean found under various names throughout the Pacific Northwest. This strain has been grown in our family for nearly 50 years. A very popular bean and our customers familiar with this variety will rejoice to see it listed again. Remarkably hardy and prolific with very few superiors either as a green or dry bean. The small white seeds are also fine for baking. Green pods without fiber, meaty and fine flavored. In the older stages they need stringing. Outstanding for canning and freezing.

***LONGREEN**—All-America winner for 1946. More vigorous grower and with pods one inch longer than Tendergreen. Heavier producer than Tendergreen and equal in quality. This fine variety supersedes the New Long Pod Tendergreen which we have discontinued. We believe this will command great favor from both home and market gardeners. It is of highest quality and really stringless, when either young or old.

***DROUGHT RESISTANT RELIABLE**—Especially suited to dry sections where blight injures beans. Quite similar to Gill's Reliable in other respects.

KEYSTONIAN—All-America award for 1944. The long, round, straight, stringless, green pods of finest quality, make this new bean ideal for canning,

freezing, shipping, market and home garden use. It is highly productive, hardy and vigorous. Vines 18 inches tall with strong, upright plants. Pods 6 to 6½ inches long, free of fibre and of rich, dark green color. Seed oblong, medium brown, resembling Burpee's Stringless. Matures in 52 days.

PLENTIFUL—An improved new bean in place of Bountiful. A few days later than Bountiful and very productive of longer, darker green pods. Plants 18 inches tall, pods 7 to 7½ inches long; thick, flat; fairly straight, stringless, with flesh firm and of good flavor. An especially fine new sort for market gardeners. Black seed.

***IMPROVED TENDERGREEN**—Plants medium large, erect, heavily productive. Pods nearly straight, dark green, round, meaty, absolutely stringless and of outstanding quality. Very popular.

***IMPROVED BURPEE'S STRINGLESS GREEN POD**—Considered the best early bush bean. The pods are green, of good length, entirely stringless, tender and brittle and remain so until ripe. This brown-seeded bean is both early and hardy and one of the richest flavored beans of all. A popular market or garden bean and desirable for canning.

***STRINGLESS BLACK VALENTINE**—Very hardy; extremely early, withstanding cold, damp weather better than most sorts. Pods dark green, long, straight, stringless, and nearly round. Excellent quality.

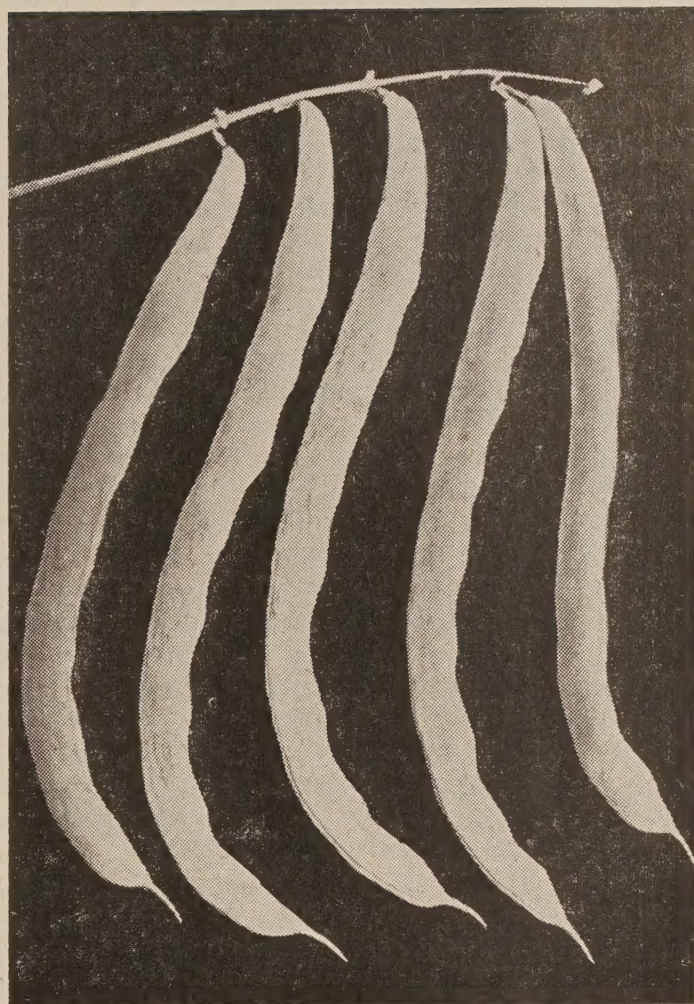
***GRANDA** (Dwarf White Seeded Kentucky Wonder, also called Streamliner)—Bush medium size and prolific; pods long, straight, oval, medium green, and of good quality. Stringless only when fairly young, and also ideal for dry beans.

RUBY DWARF HORTICULTURAL—Large, flat shaped pods valuable for green snap or shell beans. Seed and pods striped and blotched with bright red. Extra fine quality. Seed roundish and quite large.

FLORIDA BELLE (New)—A recently developed strain, bred for resistance to disease when grown under high temperatures and humidity; plants are strong, erect growth, similar in habit and leaf type to Stringless Black Valentine. Pods flat, similar to Bountiful, but narrower and a shade darker in color. Crop matures evenly over long period, but is too late for areas where the growing season is short. Length of pod 7 inches; width ¾ inch; days to edible stage, 65. Pkt. 15c; ½ lb. 30c; lb. 55c.

FRONT COVER COLLECTION

5 Pkts., worth 55c, for 40c. Postpaid.
1 Pkt. each: Cucumber—The Vaughan;
Pepper—California Wonder; Tomato—
Wasatch Beauty; Lettuce—Great Lakes,
and Radish—Comet.



Beans, Gill's Delicious Giant

Wax Podded Bush Beans

PRICES—See prices in heading of Bush Beans.

PUREGOLD WAX—This new bean is of rich pure gold color, the deepest yellow we have yet seen. Tremendously productive with pods 6 inches long and nearly straight. The quality is very good, being nearly stringless at full development. It is quite resistant to disease and will make a splendid bean for market gardeners. Pkt. 10c; ½ lb. 30c; lb. 55c. Net prepaid, lb. 50c; 5 lbs. @ 45c.

***PENCIL POD BLACK WAX**—Hardy and prolific and of finest quality. The pods are bright waxy yellow, long and round and entirely free from strings. Desirable for home or market and very valuable for canning. The deepest yellow pods.

***ROUND POD KIDNEY WAX or Brittle Wax**—Extra early; very vigorous and productive. Long, straight, round pods that are entirely stringless. One of the finest for canning and home use.

RADIO TALKS

Radio talks by Ray W. Gill will begin about February 1 on 20 or more stations in Oregon, Washington, Idaho, Northern California, Western Montana; also in Salt Lake and Denver. Please check your station programs.

POLE BEANS

PRICES—Unless noted at higher rates, are uniformly. Postpaid. Pkt. 10c; ½ lb. 25c; lb. 45c. For 4th zone and beyond, lb. 50c. Not prepaid, lb. 40c; 5 lbs. of one variety @ 35c lb. Write for prices on larger quantities.

GILL'S DELICIOUS GIANT—Every year this variety increases in popularity. In this cross between Oregon Giant and Kentucky Wonder, we have originated a variety twice as productive as Oregon Giant, of better quality—and we believe the easiest bean of all to pick. The beans are produced in clusters of 4 to 6, the stems of which protrude outside of foliage. The pods are green, faintly striped with red lines which disappear when cooked. If you like green beans fresh for the table or for canning, do not fail to order these. They are very meaty, mild and stringless with pods often 10 inches long. Our sales now exceed the popular Oregon Giant for home gardens.

BLUE VICTOR—We can again offer this very popular bean. The pods are large, long and somewhat flat in shape. The meat is thick, of finest quality, and stringless. The pods are reddish purple but when cooked the color changes to light green. One of the finest high quality beans. You will like this mild flavored bean.

***OREGON GIANT**—Giant pods a foot long; light green striped carmine. This wonderful bean is now sold by market gardeners at high prices. The quality is good even in the largest beans. Its giant size does not detract from its splendid quality. Pods thick meated, mild and free from fibre but the fully developed pods can be strung like the Kentucky Wonder. Pods often a foot long but with large seeds developed are still good to use.

***ITALIAN OR ROMAN**—This old variety is well known to Italian people. It can be used as a green snap bean or as a shell bean. In either case it is very high in quality. Large, flat pods of medium length. Stringless pods, green and attractive. A vigorous pole bean producing heavy yields. **Postpaid. Pkt. 10c; ½ lb. 30c; lb. 55c.**

BLUE LAKE STRINGLESS—White seeded like the original Blue Lake which we have discontinued in favor of this better type. The pods differ from Blue Lake, being stringless at all stages, fully round, somewhat longer and of darker green color. White seeds, oval and small. Blue Lake beans are today rated as one of the finest commercial canned and frozen beans and this stringless type far excels the old strain.

***WHITE SEEDED KENTUCKY WONDER**—Many gardeners prefer this to Kentucky Wonder. Earlier, more productive; stringless and good quality.



Christmas Lima Beans

***BRILLIANT HORTICULTURAL (Cranberry)**—This special stock has a much brighter stripe than the old strains. This type of shell bean is becoming more popular each year. Two weeks earlier than the old strains. Pods green streaked with red, changing lighter at shell stage with bright red stripes. Excellent used as a green snap bean or for shell or dry beans.

***KENTUCKY WONDER**—A standard variety often called Asparagus Bean. It produces exceptional yields of long, green pods of fine quality. We carry a true strain from careful selection.

***KENTUCKY WONDER WAX**—Vigorous and productive. Pods waxy yellow, large, stringless and of excellent quality. Best yellow pole bean.

STRINGLESS BLUE LAKE, BLACK SEEDED—The pods are stringless; about 7 inches long, straight and round. Hardy and vigorous and a heavy producer of the finest quality beans. For home gardens it is ideal and produces heavier crops than the White Seeded Stringless. Ideal for market gardeners. **Pkt. 10c; ½ lb. 30c; lb. 55c. Postpaid.**

YARD LONG—Vigorous vine 6' tall with rank, dark green foliage. Very slender pods, 18" to 26" long. Small seed of reddish brown. The pods are so long they are often sold in bunches. **Pkt. 10c; ½ lb. 30c; lb. 55c.**

Many varieties of beans are short this year and we suggest early orders. Because of increased costs we have made slight increases in bean prices; however, many vegetable prices have been reduced.

Lima Beans

(Bush Lima Beans)

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; ½ lb. 30c; lb. 50c. For 4th zone and beyond, lb. 55c. Not prepaid, lb. 45c; 5 lbs. of one variety @ 40c lb. Write for prices on larger quantities.

FORDHOOK No. 242—Developed by U. S. Department of Agriculture. Plants tall as regular Fordhook but with greater spreading habit. Pods slightly curved with thinner walls than Fordhook, containing 3 to 4 light green beans of same excellent quality. Yields well under conditions of high temperature. Dry beans, greenish cream and light green. Pods 3½ inches long, 1 inch wide and 75 days to maturity.

***HENDERSON'S BUSH (Baby Lima)**—Early and heavily productive. Thrives in ordinary soil. Adapted for home use, canning and freezing. Early, small lima of high quality.

BURPEE'S BUSH LIMA—Large seeded; very productive. One of the best large types.

FORDHOOK LIMA—Potato Lima type. Plants large and very productive. The seeds are very large and flat and are ideal as butter limas or for use when ripe.

Baking Beans

PRICES—Unless noted higher, are uniformly: Postpaid. Pkt. 10c; ½ lb. 25c; lb. 40c. For 4th zone and beyond, lb. 45c. Not prepaid lb. 35c; 10 lbs. of one variety @ 33c lb.

MICHELITE PEA BEANS—Small, pure white seed of rounded shape. It is early and ripens evenly. It produces heavily and is much better than Navy beans where seasons are short for ripening or curing. Earliest strain of commercial small white beans. The best type of Navy bean.

***GREAT NORTHERN**—White beans, larger than Navy. Hardy, early and heavy yielding. Similar to Lady Washington.

***DARK RED KIDNEY**—Easily grown. Excellent quality. Large red beans for baking. An early maturing prolific variety.

Soy Beans, Edible

KABOTT—A new, extra early variety that will mature even in those sections with short seasons. Fine quality. This new variety insures full ripening of the seed in the Pacific Northwest. After testing several of the earlier varieties, we consider this the best for the Pacific Northwest states or any of the Northern states where earliness is an important factor. Postpaid. Pkt. 10c; ½ lb. 30c; lb. 50c.

Pole Limas

CHRISTMAS LIMA (See cut)—This unusual new pole lima excels any variety we have ever tested for quality and production. When cooked in either dry or green shell stage the seed turns to a pink-brown color and the stripe disappears. In the shell stage they are sweet as though they had been sugared lightly. In either dry or shell stage the skin is thin and tender. We have tested many lima varieties but none equals this for high quality and production, so we believe it is the best for our Pacific Northwest states when cool summer nights usually prevail during the growing season. The seed are very flat but quite large and every seed is striped with deep crimson as shown in the illustration. Vigorous vines 7 to 9 feet tall, foliage rather thin and of medium size. Pods 5 to 5½ inches long and about one inch wide, usually carrying 3 beans to the pod.

We urge our home garden customers to buy this grand lima. Commercial gardeners who contact their customers at roadside stands or public markets should introduce it to their trade. Pkt. 15c; ½ lb. 35c; lb. 60c. Postpaid.

KING OF THE GARDEN—A large, flat lima of great vigor and heavy production. Seed white in dry stage but creamy green in shell condition. This variety also produces well in the Pacific Northwest. A splendid sort for canning or freezing. Vines 7 to 9 feet, pods 5½ to 6 inches long with 4 to 5 thick, flat seeds.

***OREGON LIMA (White Seeded Runner)**—A large pole lima, extra early and suited for Northwest culture. It is acclimated and matures ripe pods 75 days from planting. Excellent used as a butter bean or stored dry for winter use. Large, pure white seed. In milder climates it often lives through the winter and produces a crop the second season.

Broad Windsor

MAMMOTH LONG PODDED—The English Broad Beans or sometimes called "Horse Beans." Near the coast these can be planted in the fall. Generally planted real early in the spring. Green shell beans, large, broad, flat and light green. Postpaid. Pkt. 10c; ½ lb. 25c; lb. 40c.

Garbanza

This plant is well known in Mexico and Southern California and it will do well in northern climates. Often called "Coffee Bean," "Chick Pea" and "Acorn Pea." Dwarf bushy plants, about one foot high, with round, puffy pods containing 2 to 3 large seeds. These are used when ripe much like beans for baking or boiling. Very nutritious, running high in protein. Being very high in protein it will help in the meat shortage. Postpaid. Pkt. 10c; ½ lb. 25c; lb. 45c.

TABLE BEETS

CULTURE—Plant in rows 2 to 2½ feet apart, with drill, April 1 to July 15. Thin to 3 or 4 inches apart for table beets and 8 to 12 inches for mangels. For winter beets the latest sowing is best.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 60c; lb. \$1.75.

***GARDENER'S MODEL**—This decided improvement over Early Model is so much better, so different from the original Early Model that we changed the name thus properly identifying this outstanding new beet. A splendid all around table beet for home or market. It is extremely early, of smooth, uniform shape. The flesh is dark red, entirely free from strings or core and unusually sweet. The tops stand tall and erect. Valuable for both greens and roots. This variety will stand longer than any and still keep tender. Generally immune to curly top disease. Very popular with market gardeners in many sections, especially for early bunching. Seed of our own growing. Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.25.

PERFECTED DETROIT—This produces taller tops with roots of more flattened turnip shape. On account of its nearly zoneless deep blood red flesh, it is popular for home and commercial canning.

DETROIT DARK RED—Splendid for market or home gardens and popular with canneries. Roots nearly round, very uniform and of medium size; flesh tender and blood red. We carry an extra select strain. The best canning beet and the outstanding beet for deep red color.

STRAWBERRY CROSBY—Extremely early. Popular with market gardeners who wish this color. Flesh very tender and sweet and rich vermillion red. The exterior color is strawberry red. Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 70c; lb. \$2.25.

CROSBY EGYPTIAN—Our special stock is ideal for market gardeners. Flat-globe or turnip shaped beets with small tap roots and dark red skins. Flesh purplish red with light zones. Matures quite early. Smooth beets free from side roots.

EARLY WONDER—A deep blood red beet, nearly globe shaped, with small, clean tap roots and small erect tops. One of the earliest and most uniform bunching beets that can be grown and also very fine for late planting. They mature very evenly and will stand closer planting than most sorts.

EXTRA EARLY EGYPTIAN—The earliest sort with rather flat roots of fine quality.

GREEN TOP BUNCHING—Greenish red tops, ideal for beet greens. also fine for bunching. Deep red flesh.



Beet, Gardener's Model

Mangel Beets

PRICES ON MANGELS UNIFORMLY: Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.50.

DANISH SLUDSTRUP—Long, reddish-yellow; grows well above the ground.

GIANT HALF SUGAR—Cross between a mangel and sugar beet. Flesh white and exceedingly rich.

MAMMOTH LONG RED—Selected strain. Very heavy cropper.

GIANT YELLOW ECKENDORF—Giant, smooth, long roots of cylindrical shape, weighing up to 20 pounds each and growing two-thirds above ground. Solid white flesh with high food value.

Swiss Chard

RHUBARB CHARD—Large, wide and tall leaves with fairly large ribs of deep crimson color. Foliage heavily toned red with purple tints. Very productive and of rapid growth. Brilliant foliage of high quality. Many home gardeners have rated this to be the best of Swiss Chards. Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 75c.

FORDHOOK GIANT—Larger, darker green and more crinkled leaves than Lucullus. Stalks white. Outstanding for size and quality. Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.45.

LUCULLUS—Grows about two and a half feet high. The heavy stalks are over an inch wide and bare for more than a foot of their length. Can be served as you would asparagus. The leaves make the finest greens. Swiss Chard is hardy, easily grown, and should be in every garden. Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.45.

Sugar Beet

KLEIN WANZLEBEN—The best for making sugar. It is also valuable for feeding purposes. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.35.

CABBAGE

CULTURE—Early varieties should be sown in the open ground in early September or in cold frame in January or February. We do not recommend sowing in hotbeds as plants will be too tender. For earliest cabbage, transplant fall sown plants in late October or early November. For late, sow seed in open ground May 1st, transplant June 15 for fall, and July 1st to 20th for winter cabbage, in rows 3½ feet apart, from 25 to 36 inches in the row, according to the richness of the soil, size and variety. Do not crowd them. They do best in rich, loamy soil, fertilized with barnyard manure of any kind and well-balanced fertilizer applied as directed. Early Jersey Wakefield, Large Wakefield, All Head Early, Danish Ballhead and Oregon Ballhead can be sown in the fall for spring and summer cutting. They seldom run to seed. Golden Acre, Copenhagen Market and Glory of Enkhuizen will not winter over without running to seed.

PRICES—Unless noted: Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.50; lb. \$4.25.

***GILL'S OREGON BALLHEAD**—The acknowledged leader in the Pacific Northwest for a main crop winter cabbage. We have developed this strain until it excels all others for solidity, resistance to aphids or freeze injury. It is the best cabbage for crating or general market purposes. The outer leaves are deep green and will hold their color weeks after cutting. It is the best keeper of all. The outstanding commercial cabbage and the most popular winter sort. We believe this is the most persistent heading of any winter cabbage. Often when planted too late in the summer for full maturity the heads develop hard and ready for market in February or March. Seed of our own growing. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

***PORTLAND ROUNDHEAD**—Developed by a local gardener. Heads larger than Danish Ballhead and Oregon Ballhead. Valuable for late summer markets and for kraut in the fall. A very popular sort for these purposes. Heads rounded in shape and very solid. Seed of our own growing. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

GOLDEN ACRE—An extra early round-headed fine quality cabbage, maturing with Early Jersey Wakefield. The heads are firm with few outer leaves and average about four pounds. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

GREEN ACRE—The type and general characteristics are the same as Golden Acre but it holds its green color longer. Valuable for shippers. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

COPENHAGEN MARKET—Good sized, round heads, maturing with Large Wakefield, usually weighing 5 to 6 lbs. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

EARLY JERSEY WAKEFIELD SPECIAL—This is still very valuable for the earliest crop of hardy cabbage. We have secured a special strain with solid heads and few outside leaves. It also matured the earliest of some twenty strains we tested.

LARGE WAKEFIELD or CHARLESTON—Similar to Jersey Wakefield, but half again as large and ten days later.



Cabbage, Gill's Oregon Ballhead

GLORY OF ENKHUIZEN—The best variety for summer or fall crops, for its tendency is to produce large heads even in dry weather. It can also be used for early spring crops. It is not satisfactory as a winter cabbage. Brittle and sweet.

ALL HEAD EARLY—A second early flat headed sort, very sure heading and little subject to bursting. Extra fine for kraut. Very desirable for fall.

***DANISH BALLHEAD (Short Stem)**—This is the regular Ballhead type so long imported from Denmark. Somewhat earlier than Oregon Ballhead. This is a fine strain of Danish Ballhead of our own growing. Medium sized head, very solid and of good quality.

DANISH BALLHEAD 415—There is considerable demand for a smaller head than the regular strain of Danish Ballhead. This meets that requirement. Small solid heads with few exterior leaves. Seed of our own growing. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

PENN STATE BALLHEAD—Largest of the ballhead types. Short stems and a late variety desirable for winter storage. We carry a very fine strain of this new cabbage in seed of our own growing.

AMERICAN SAVOY—The best main crop Savoy cabbage; quite firm, large heads with curly foliage.

***RED STONEHEAD**—Very solid heads of ballhead type. Deep red and of high quality. An extra fine winter cabbage. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.

CABBAGE—Continued

MAMMOTH ROCK RED—Large, solid heads of deep red color. Round flat in shape. **Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.**

ROUND RED DUTCH or RED ACRE—Heads round, solid; about 6 inches in diameter, weighing 3 to 5 pounds. Deep red and a good shipper. Early, maturing in 80 days. **Pkt. 10c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.00; lb. \$6.00.**

GREEN BROCCOLI

A valuable Italian vegetable forming heads of deep green, just about the same color as the foliage. After the main head is cut, smaller heads branch out below. It is very tender, nutritious and delicious, and can be raised like cabbage. Plant the seed June 1st to 20th and transplant July 15th to August 10th, in the same manner as other cauliflower or broccoli. It is very hardy and is not injured by light or white frost, so needs no protection. Do not attempt to grow this for summer use except near the coast. It can be planted from seed in rows 3 feet apart and thin to 12 inches in the row. In this case plant the seed about July 1st.

MEDIUM CALABRESE—This middle season variety is mostly planted for commercial crops. Dark green heads of finest quality. We carry a fine type and sell large quantities to processors and market gardeners. **Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.35; lb. \$3.50.**

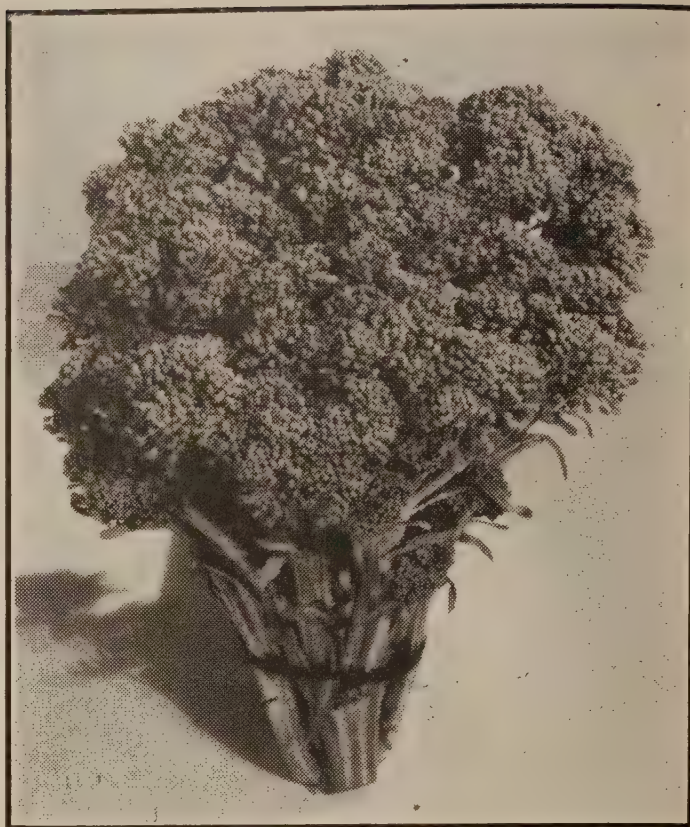
LATE STRAIN—Very late variety producing central heads of fine quality but very few side shoots. In coast sections where winters are mild it can be planted in late August and early September for spring cutting. In California it can be planted in the fall for spring cutting. **Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$4.00.**

EARLY STRAIN—A splendid early sort producing large compact heads ready for market in about 70 days from planting of the seed in the open. This can be planted later than the other later varieties and is useful for those regions near the ocean for summer cutting. **Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$4.00.**

Cress

FINE CURLED (PEPPER GRASS)—Grows quickly from seed. Sow thinly in drills. Should be planted at intervals as it runs to seed quickly. **Postpaid. Pkt. 10c; oz. 45c; ¼ lb. \$1.00.**

WATER CRESS—Perennial aquatic plants. Small, thick leaves with pungent flavor for salads and garnishing. **Pkt. 15c; ¼ oz. 35c; oz. \$1.10.**



Green Broccoli, Medium Calabrese

Brussels Sprouts

***CATSKILL**—After growing this outstanding new Brussels Sprouts we consider it the best variety we have ever grown. Plants of medium size producing an immense crop of solid, dark green sprouts set close together. The sprouts are larger than most sorts and very heavy. The best for home gardens or market gardens. Matures quite early. Seed of our own growing. **Postpaid. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.**

***OREGON SPECIAL**—A special selection by an Oregon gardener. Hard heads of dark green color. One of our best varieties. **Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$6.00.**

R. K. SPECIAL—A well selected variety of medium height and deep green, solid heads. This is very popular with local gardeners. A splendid commercial variety. **Pkt. 10c; ½ oz. 55c; oz. \$1.00; ¼ lb. \$3.00; lb. \$9.00.**

Cardoon

LARGE SMOOTH—A perennial winter vegetable grown for the fleshy leaf stalks which are bleached like celery. Used for salads, or in soups. **Postpaid. Pkt. 10c; oz. 40c; ¼ lb. \$1.00.**

Chicory

LARGE ROOTED—Chicory does well in this climate and is an excellent substitute for coffee. Plant like carrots. **Postpaid. Pkt. 10c; oz. 50c; ¼ lb. \$1.75.**

WITLOOF or FRENCH ENDIVE—The roots are transplanted and the shoots are bleached for winter use as a salad. **Postpaid. Pkt. 10c; oz. 50c; ¼ lb. \$1.75.**

CAULIFLOWER

CULTURE—For early cauliflower, start in cold frame. For fall cutting, Medium Calabrese Green Broccoli and all listed varieties of cauliflower except November-December, should be planted June 1st to 20th and transplanted July 15th to August 10th. For late cauliflower, the November-December variety should be planted the first week in May, transplanting July 1st to 25th. For St. Valentine Broccoli, plant the first week in May, transplanting July 20th to August 10th. Cauliflower and Broccoli do best in a rich, loamy soil, not a cold, wet location. Plant 2½ to 3 feet in rows and 3½ feet between rows. Before the heads are large enough to be exposed to the light, tie or break the leaves carefully over the head to keep out the light. Great care should be used in growing plants of any of the early sorts that they receive no severe check in their growth, as this will cause them to produce premature heads.

Snowball Types

PRICES—Unless noted are uniformly:
Postpaid. Pkt. 15c; ¼ oz. 90c; oz. \$3.00;
¼ lb. \$10.00; lb. \$30.00.

SUPER SNOWBALL—An outstanding early variety producing heads of uniform size, shape and type. The heads are almost round with pure white, smooth curd. Tall foliage protects the heads.

SNOWBALL No. 16—Early and produces large thick, solid, white heads. Stands up well under rather unfavorable weather conditions. One of the best shipping varieties. Good for summer or fall cutting.

SNOWDRIFT—This fine strain matures with great evenness. The pure white heads are remarkable for their great depth and unexcelled white color. The curd is of fine texture and quite resistant to riceiness and fuzziness. The large, solid heads are well protected by the necessary foliage. **Pkt. 15c; ¼ oz. \$1.00; oz. \$3.50;**
¼ lb. \$11.00; lb. \$35.00.

Late Cauliflower

NOVEMBER-DECEMBER—Requires a long growing season. Especially suited to Pacific Coast states. This makes large solid heads of finest quality. For inexperienced growers this is the easiest to grow. Plants grow rather tall with long heavy ribbed leaves. It does not make premature or "fool heads." See cultural directions above. **Postpaid. Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.**

PURPLE CAULIFLOWER (Sometimes called Purple Broccoli)—Beautiful purple heads that cook a light green. Plant same as November-December variety. The sweetest, most tender of all cauliflower types. **Postpaid. Pkt. 15c; ¼ oz. \$1.25; oz. \$3.50.**

Winter Cauliflower (or Cauliflower Broccoli)

Due to confusion with green Broccoli we will list this according to the above. This type of Cauliflower is adapted to the West Coast and Southern States. They are usually killed by winter cold which goes lower than 15 degrees above zero.

LATE MARCH—This matures a little later than St. Valentine Oregon Special, and is popular in California. **Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.**



Cauliflower, Snowball No. 16

WINTER CAULIFLOWER—Continued

***ST. VALENTINE OREGON SPECIAL**—The best sort for spring shipment; the solid, handsome white heads being of immense size and ready in February and March.

This special stock is well typed. Much Oregon grown broccoli seed is inferior, but you will find this strain well developed for commercial crops. Thirty years of selection, beginning with St. Valentine, has resulted in an outstanding type for market. Our selection gives excellent leaf protection for the heads. Selected seed of our own growing. **Postpaid. Pkt. 15c; ¼ oz. 55c; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.**

APRIL—Another fine variety of spring heading, white cauliflower. In Western Oregon transplant about Aug. 1st to 20th. The later maturity makes a good succession to follow St. Valentine Oregon Special and Late March. **Pkt. 15c; ½ oz. \$1.00; oz. \$1.75; ¼ lb. \$5.00; lb. \$15.00.**

Celtuce

A vigorous growing new vegetable for salad and greens. Plant early in the spring or in mid-August. The leaves and young seed stalks are used for salad or greens. It is also an exceptionally fine plant for poultry feeding. It makes a very heavy crop even in warm weather. Plant the seed where it is to grow, thinning to one foot apart. **Postpaid. Pkt. 10c; ¼ oz. 35c; oz. \$1.00; ¼ lb. \$3.00.**

CARROTS

CULTURE—Carrots may be planted from March to August 1. We prefer to plant from May 10 to 25; they will then miss many of the spring weeds and will stand through the dry season better, making a better quality of roots. Plant in rows 2½ feet apart covering one-half to one inch, according to weather conditions. Those who plant any quantity should use a good drill, as it lessens the work and gives a more even stand. As soon as they are up, use a wheel hoe, following this with a harrow tooth cultivator.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.00.

GILL'S OREGON CHANTENAY—This variety has become a leader as a market carrot, either for bunching or sack. It is sold by some seedmen as Long Chantenay and Greater Chantenay. We are the originators. A special strain of our selection producing very smooth roots about one inch longer than the regular strain and of more even diameter the whole length of the carrot. It is very popular with gardeners. The tops are of medium size, tough and wiry, hence the carrots seldom break from the bunches. The roots are rich red color with small core. Very high quality. Also valuable for planting late in the season.

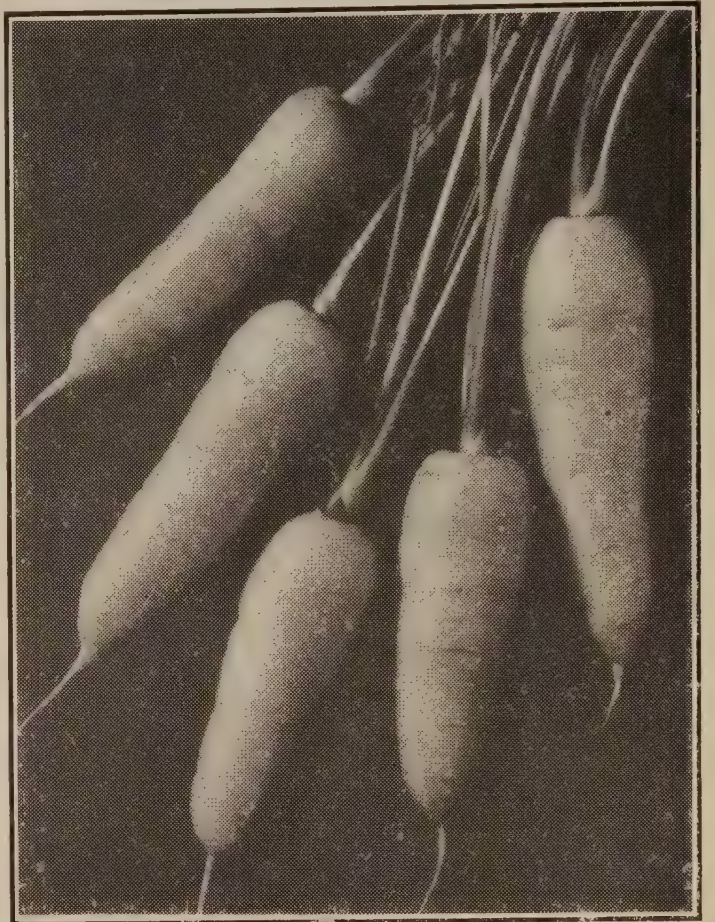
GILL'S SPECIAL NANTES (See front cover)—The roots are bright orange, 6 to 8 inches long and very uniform. They have a very small core and are exceptionally tender and sweet. The roots are rather slender, of even diameter and of early maturity. Very desirable for market, especially for bunching, and also splendid for the home garden. We offer a fine, re-selected strain grown from our stock seed. This variety is very popular with market gardeners. The tops are larger and stronger than the regular strains of Nantes or Coreless and this has not reduced the quality. Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.50.

IMPERATOR, LONG TYPE—A new strain developed for bunching, also for dehydration. Tops medium, abundant and strong enough for good bunching. Roots long, slender in proportion to length, smooth and tapering to semi-blunt ends. Flesh of rich orange color. It is noticeably longer and more evenly tapered than regular Emperor. Ideal for loose peat and sandy soils.

IMPERATOR—A good market carrot. Roots long, smooth and of rich red color with small core. Very popular for bunching and for late crops.

CHANTENAY—A good, all around carrot. The roots are smooth, stump rooted and of good quality.

TABLE GEM or AMSTERDAM—We believe this to be the finest quality of all table carrots. The roots are 5 to 6 inches long, of even diameter and blunt ends. It is nearly coreless, exceptionally tender and sweet and is delicious eaten raw. It is very early and the tops are small. Suited for forcing or outside culture. High quality for home use but not suited for market except when forced. Postpaid. Pkt. 10c; oz. 35c; ¼ lb. 90c; lb. \$3.50.



Carrot, Gill's Oregon Chantenay

DANVER'S HALF LONG, RED CORED—A greatly improved strain of this old variety. Deep orange red right through to the center. Heavy yielding; excellent quality.

TENDERSWEET—Very sweet and tender. Roots long and of deep red orange, tinged with red at the top. Very popular in the East.

RED CORED CHANTENAY—This strain has a deeper red core and is popular with canners.

MORSE'S BUNCHING—Long, almost cylindrical roots. Good color and quality. Popular bunching carrot for market.

Stock Carrots

PRICES—Unless noted are uniformly: Postpaid: Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.75.

LARGE WHITE BELGIAN—Long-rooted white stock carrot; very heavy yielder.

LARGE YELLOW BELGIAN—Same as above, except color, a pale yellow.

Dandelion

IMPROVED THICK LEAVED—Far superior to the uncultivated plant. Valuable for early spring greens. Postpaid. Pkt. 10c; oz. 65c.

CELERY

UTAH JUMBO—This remarkable late celery is the finest quality of any we have tried. Grown extensively near Salt Lake and wherever shipped commands high prices. Plants sturdy, compact and solid. Very free from strings. In Utah, soil bleaching is generally used, producing stalks that are pure white, nutty and crisp. Also immensely popular sold green without bleaching. Our strain is very popular all along the Pacific Coast. We now supply this strain to many large celery growers in various parts of the country. **Postpaid. Pkt. 15c; ¼ oz. 50c; oz. \$1.35; ¼ lb. \$4.25; lb. \$15.00.**

UTAH SPECIAL—A large green celery similar to Utah Jumbo. This special strain is popular with large growers in California. Seed grown in Utah. **Pkt. 15c; ¼ oz. 50c; oz. \$1.25; ¼ lb. \$4.25; lb. \$15.00.**

TALL UTAH—Stalks grow considerably taller and more slender than Utah Jumbo. Bunches not quite as heavy. **Postpaid. Pkt. 10c; ¼ oz. 35c; oz. \$1.00; ¼ lb. \$3.50; lb. \$12.00.**

SUMMER PASCAL—New early green celery of highest quality. While the plants are not tall the stems to the first joint are 8 to 9 inches long. It matures right after the yellow varieties and ahead of Utah Jumbo. Stalks thick and tender and of finest quality. **Pkt. 10c; ¼ oz. 35c; oz. \$1.00; ¼ lb. \$3.50; lb. \$12.00.**

UTAH No. 15—A Utah strain of mid-season maturity. Plants large; height 26 to 28 inches. Leaves dark green, deeply cut, moderately broad. Plants erect, compact, full hearted. Edible stems 8 to 10 inches long, numerous and of medium width, thick, rounded and quite smooth. Crisp and of fine quality. **Pkt. 10c; ¼ oz. 35c; oz. \$1.00; ¼ lb. \$3.50; lb. \$12.00.**

UTAH 10-B—An outstanding strain of green celery that is slightly later than regular Utah. Plants tall, 26 to 28 inches, leaves moderately large, medium deep green. Plants erect and compact with edible stems 8 to 10 inches long, of uniform length, rounded, thick and of waxy appearance. It blanches easily and tender. Crisp and of excellent quality. **Pkt. 10c; ¼ oz. 35c; oz. \$1.00; ¼ lb. \$3.50; lb. \$12.00.**

GOLDEN SELF BLANCHING, TALL STRAIN—The plants grow very tall and weigh very heavy. The stalks are wide and rather flat, while the quality is extra fine. This strain is very early and especially valuable in dry climates. **Postpaid. Pkt. 10c; oz. \$1.00; ¼ lb. \$3.50; lb. \$12.00.**

Dill

MAMMOTH—Easy to grow for flavoring pickles. **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 35c; lb. 85c.**



Celery, Utah Jumbo

Chinese Cabbage

(Celery Cabbage)

WONG BOK PAOTING—A delicious vegetable from China, excellent for salads and cole slaw, and is sometimes used like Swiss Chard. The stems can be used like celery. For best results plant seed August 1st and thin to 18 inches apart. Use plenty of a good complete fertilizer to secure a quick, strong growth. **Postpaid. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.**

CHIH LI—Grows long slender heads, solid and tender. This is a very fine variety. Prices same as above.

Corn Salad

Used in Spring or Winter salads but usually mixed with more piquant herbs. May also be cooked like Spinach. **Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.00.**

Celeriac

TURNIP ROOTED CELERY, SPECIAL STRAIN—The roots are turnip shaped and are used for soups and stews. They are very hardy and will stand in the open all winter in the Coast regions. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.00; lb. \$7.00.**

Endive

Culture similar to lettuce. The outer leaves should be tied over the head to bleach.

LARGE GREEN CURLED—One of the best sorts. **Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$2.50.**

BATAVIAN BROAD LEAVED—Frequently called Escarolle. **Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$2.50.**

SWEET CORN

CULTURE—Prices paid for first early corn will pay the grower to take chances on early planting. For this planting use 4 to 5 seeds per hill and cover one inch deep. Space hills 28 to 36 inches, and rows 3½ feet, allowing two stalks to the hill or as some prefer, and we think this gives the best results, plant 12 inches between hills, and thin to one stalk; this gives all the stalks an even show. April 1 to May 1 is a good season for early corn, of course, depending on the weather. May 15th to 25th is good for the later sorts, as they do not resist damp, cold weather as well as the early sorts.

Corn will not fill well unless the patch planted is blocked out; those planting small quantities should make the patch square, or nearly so. This will permit the pollen to blow down on the silk, fertilizing the ears. Early corn may be planted in succession up to July 5. Use Victory Garden fertilizer.

Open Pollinated Varieties

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; ½ lb. 25c; lb. 40c. Not prepaid, lb. 35c; in any one variety, 5 lbs. @ 32c; 10 lbs. @ 30c; 25 lbs. @ 25c lb.

GOLDEN MIDGET—A miniature sweet corn that has found a place in small city gardens. The stalks grow only 2½ to 3 feet tall, bearing several small golden ears about 4 to 5 inches long in cooking stages. The quality is very good and it matures very early. It takes very little room in the garden compared to standard varieties. Packets only at 15c each.

***GILL'S EARLY GOLDEN SWEET**—Earliest of the golden varieties. Ears average about the same size as Improved Bantam with stalks four feet tall. We recommend this for market and home gardens. The sweetest first early variety we have tested. The best and earliest high quality first early sort. Our own introduction. We have increased the size of this fine corn.

***GILL'S IMPROVED GOLDEN BANTAM**—Superior to the original Golden Bantam in quality and nearly twice the size, also one week earlier. Nearly all ears carry 12 rows of deep, rich golden yellow kernels set close upon the cob. Do not compare this with the original strain, as it is far superior in every respect, and any gardener who places this corn on the market will command better sales.

It has no superior for market, table, canning or drying. Remember, we are the originators of this improved strain and continue our careful stock seed selections each year. We have received many letters of praise for this corn and many of our customers will have nothing else. We consider this the best quality of any sweet corn to date. It represents over 30 years of careful selection by ourselves directed toward better quality.

***GILL'S GOLDEN EARLY MARKET**—The earliest large, true sweet corn of golden color. It is a cross between our Improved Golden Bantam and Early White Market. According to our own trials and reports from all over the country, it is earlier and larger than Golden Sunshine. It is the outstanding early corn and is a money-maker for gardeners. For home use or market, be sure to plant this variety. It matures about a week earlier than Improved Golden Bantam. Large, golden ears, tightly filled with large sweet grains of high quality. Originated by our firm.



Sweet Corn, White Cross Bantam

Yellow Sweet Corn Collections

OPEN POLLINATED VARIETIES

We offer one packet each of Early Golden Sweet, Golden Early Market, Improved Golden Bantam for 25c; ½ lb. each for 65c; 1 lb. each for \$1.00. Postpaid. This makes a splendid succession if planted at the same time. They are all of high quality.

HYBRID VARIETIES

This offers a good rotation in Hybrid varieties. One packet each of Spancross, Golden Cross and Lincoln for 25c; ½ lb. of each 75c; 1 lb. of each \$1.25, postpaid. By planting both collections you will have sweet corn for a long season.

SEEDS SMALL PART OF COST

Why prepare and cultivate a garden with the cheapest seed? A few cents additional in cost of seed may spell the difference between success and failure. Our vegetable seeds are high quality and popular with market gardeners. Cheap seeds are usually dear at any cost. Yet, with all, our prices are reasonable and maintain quality.

Hybrid Sweet Corn

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; ½ lb. 30c; lb. 50c. Not prepaid, lb. 45c; in any one variety 5 lbs. @ 40c lb.; 10 lbs. @ 35c lb.

WHITE CROSS BANTAM—Recommended in place of Stowell's Evergreen. A valuable new white hybrid of outstanding quality. Strong stalks 6 to 7 feet tall, producing large ears with 18 to 20 rows of grains per ear. Pure white grains, somewhat small but deep. We found it equal in sweetness and tenderness to the finest yellow varieties. Season about the same as Golden Cross Bantam. If you like white sweet corn be sure to try this. Pkt. 15c; ½ lb. 30c; lb. 55c. Not prepaid, lb. 50c; 5 lbs. @ 45c.

GOLDEN GRAIN—All-America winner 1944. Two weeks later than Golden Cross Bantam. Vigorous tall stalks, 7 to 8 feet high; productive of large, plump ears, one-third larger than Golden Cross, containing 16 to 20 rows of narrow, deep grains. Ideal for large, late hybrid corn of fine quality. Postpaid. Pkt. 15c; ½ lb. 35c; lb. 55c. Not prepaid, 5 lbs. @ 50c.

TENDERMOST—New hybrid of high quality. Ears are somewhat larger and longer than Golden Cross. Plants 6 inches taller and a few days later. Very productive. Grains quite deep and of very fine quality.

***IOANA**—Winner all-America bronze medal in 1939. Very productive, highly resistant to drought and wilt. Very valuable for gardeners and canners. Ears 7½ to 8 inches long, 12 to 14 rows; well filled with medium-narrow, light yellow kernels. Tall, sturdy plants with broad leaves. Very high quality.

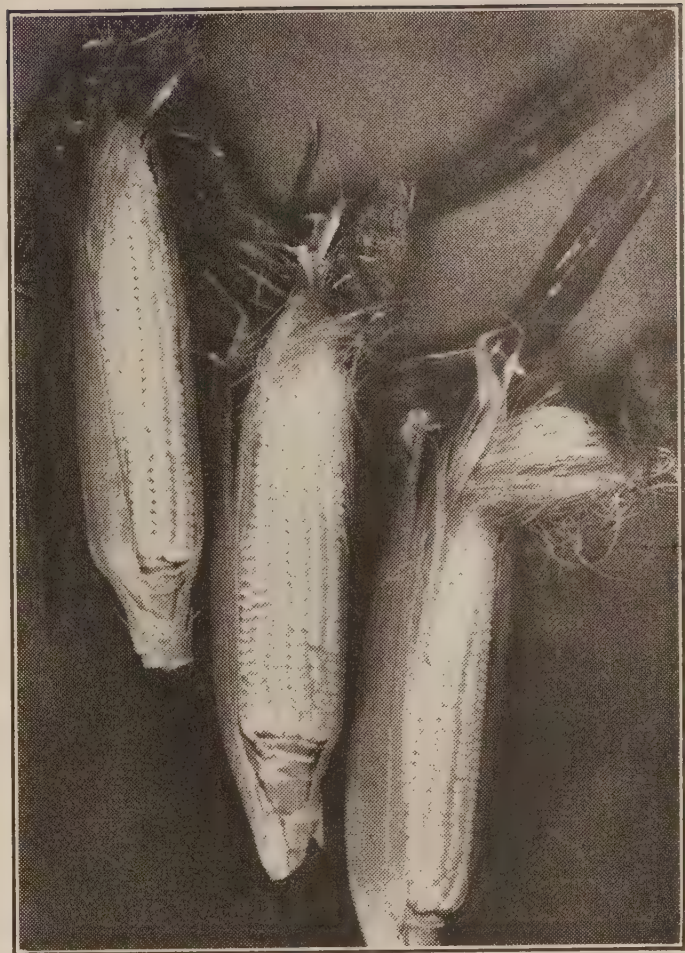
***SPANCROSS**—One of the best first early hybrids for home or market. Very resistant to disease. Large ears, golden yellow, tender and sweet. The earliest we have tested of hybrid sweet corn varieties.

***GOLDEN CROSS BANTAM**—A hybrid sweet corn especially valuable where Stewart's disease (wilt) makes it impossible to grow ordinary varieties. Excellent for market gardeners and canners. 12 row ears, more resistant to worm damage and heaviest yielding of any yellow sweet corn variety. Matures very uniformly. Ideal for freezing.

***MARCROSS**—A little later and larger than Early Marcross. Fine quality and very popular with market gardeners. Yellow grains of fine quality.

***EARLY MARCROSS**—An early yellow hybrid with 12 row ears, longer than Golden Early Market and about one week later. Good quality.

***CARMELCROSS**—Large, uniform golden ears, 12 to 14 rows, about one week later than Early Marcross. Very fine quality and a good producer.



Corn, Golden Cross Bantam

HYBRID SWEET CORN—Continued

***LINCOLN**—All-America bronze medal in 1942. Vigorous, well foliated plants with ears 12 to 16 rowed. Bright yellow kernels of fine quality. A valuable late variety for market, with large perfect ears. Because of the heavy production of fodder and ears this variety is popular for dairy feed.

Pop Corn

MINHYBRID 250 HULLESS—This new hybrid pop corn is extra early. It pops about one-third more than old varieties. The finest for quality, flavor and crispness. Postpaid. Pkt. 15c; ½ lb. 40c; lb. 75c.

***AUSTRALIAN HULLESS (Improved White Rice)**—Small, sharp pointed, white grains. Extra fine quality. Postpaid. Pkt. 10c; ½ lb. 20c; lb. 35c. Not prepaid, 10 lbs. @ 25c lb.

***SPANISH PEARL**—Large, round, smooth, white grains. Fine commercial sort. Postpaid. Pkt. 10c; ½ lb. 20c; lb. 35c. Not prepaid, 10 lbs. @ 25c lb.

Florence Fennel

This fine Italian vegetable should be planted more generally. Use like celery or for flavoring. For best results plant July 15 to August 15 in rows 2 feet apart and thin to 1 foot apart. Use rich soil. Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 90c.

FIELD CORN

The growing of field corn in the Pacific Northwest has now reached a stage where it is past being an experiment, and with acclimated seed it is not difficult to obtain success. We do not and will not handle any but Northwest grown seed of Dent Corn, and our customers may feel sure of getting acclimated seed. Do not plant field corn near sweet corn or they will mix.

Open Pollinated

***ALBANY DENT** (formerly called **Albany Hybrid**)—A cross between Minn. No. 13 and Pride of The North. It has the earliness of the No. 13, and the deep grain and small cob of the Pride of The North. It has been given careful selection and is, we believe, one of the finest sorts for grain or ensilage. **Postpaid. Pkt. 10c; lb. 25c. Not prepaid, lb. 20c; 10 lbs. @ 12c; 100 lbs. @ \$10.00.**

***MINN. No. 13**—An early variety well suited to the Northwest. Grains golden yellow, deep and heavily dented. Prices same as Albany Dent.

Hybrid Field Corn

PRICES—Unless noted are uniformly: **Postpaid. Pkt. 10c; lb. 35c. Not prepaid, lb. 30c; 10 lbs. @ 17c lb.; 50 lbs. @ 16c lb.; 100 lbs. or more @ 15c lb.**

***IDAHO HYBRID (Grain Type)**—Same season as Minn. No. 13. The extensive root system keeps the plants erect throughout the season, producing extra long ears and a heavy yield of grain.

***IDAHO HYBRID (Silage Type)**—Same as grain type, except bred for a longer growing season in order to produce a heavier crop of silage material.

***OREGON HYBRID No. 525**—A splendid yellow dent hybrid ripening in a little over 100 days. Uniform, large ears; heavy yielding for grain or ensilage.

OREGON HYBRID No. 100—Produced by Oregon Agricultural Experiment Station, and is one of the earliest varieties of hybrid field corn. Ears 12 to 16 rows, kernels rather short and flat. Stalks about 6 feet and nearly free of suckers. Especially valuable for grain.

Kohl Rabi

EARLY WHITE VIENNA—The best for table use. Kohl Rabi should be grown more, as it is a delicious vegetable, cooked like turnips. Transplant like cabbage in July; rows 3 feet wide and 1 foot in rows. Can be sowed in rows and thinned. **Postpaid. Pkt. 10c; ½ oz. 30c; oz. 55c; ¼ lb. \$1.60.**

PURPLE VIENNA—Dwarf plants; green leaves with purple stems and veins. Shape globular, purple with white, tender flesh. Prices same as Early White Vienna.



Sweet Corn, Golden Early Market

Egg Plant

Start in hot beds like tomatoes. Set 2 feet apart in the rows and 3 feet between.

BLACK BEAUTY—The earliest and best of the large fruited varieties. Color rich, lustrous purplish black. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25; lb. \$8.00.**

NEW HAMPSHIRE HYBRID—An extra early variety maturing in 70 days. An all-America winner in 1939. Fruit round to olive shape. **Postpaid. Pkt. 15c; ½ oz. 75c; oz. \$1.25.**

FORT MEYERS MARKET—Vigorous and very productive, high bush variety, holding fruit well off the ground. Fruits ideal for shipment, 9 to 10 inches long, 5½ to 6½ inches diameter, nearly egg shaped. Remarkable for deep purplish black color and high gloss. About one week later than Black Beauty. **Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25; lb. \$8.00.**

PLANT FALL GARDENS

Many gardeners are enthusiastic in planting a spring garden but overlook preparing for a supply of late vegetables for fall and winter. Why not plan to follow up the early crops with fall gardens. Our special bulletin on "Fall Gardens" will be sent free to you upon request. It tells you the best varieties and when to plant.

CUCUMBERS

CULTURE—Plant 4 feet each way in rich, loamy soil, from May 1 to July 1, 8 to 10 seeds to a hill; thin to two good vines. Cover seed one inch deep and press soil fairly firm.

PRICES—Unless noted: Postpaid. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.25.

SWEET-WHITE—If you have a prejudice against white cucumbers it will be overcome by this splendid creamy white cucumber. Long, slender cucumbers, often 12 inches long, with brittle flesh and small seed cavity. It is the most free from bitterness of any variety we have ever tried. It does best in quite rich soil. Unexcelled for slicing and ideal for bread and butter pickles. A shy seed producer. Because of its tenderness half grown cucumbers can be used without peeling. Our introduction in 1947. Postpaid. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.25.

NEW CUBIT—All-America bronze medal winner, '44. New Cubit is a prolific, white spined variety distinguished by unusually uniform, dark green exterior color and long blunt ends, cylindrical shape, so much so that it has been compared to a rolling pin. The interior has smooth, crisp texture with small seed area and it is admirably adapted for slicing. It does not quickly "flag down," but holds its fresh quality well, a very important factor for market growers. A valuable new variety. Postpaid. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.50.

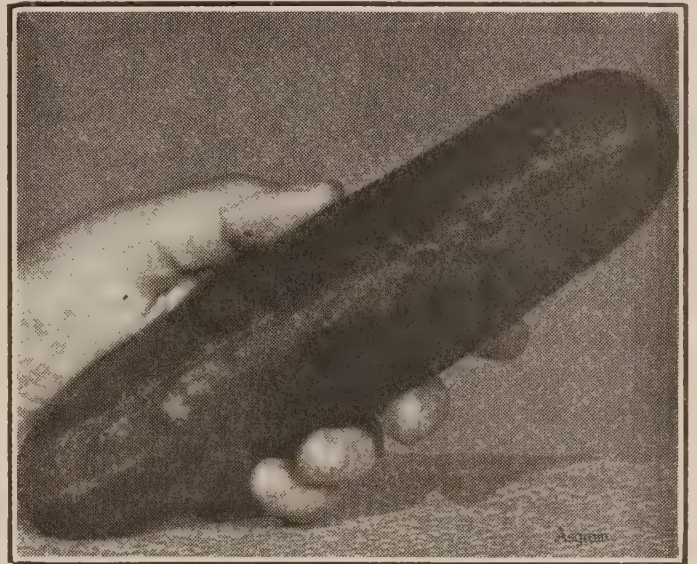
MARKETER—A very popular new variety for home gardens and markets. Smooth, long cucumbers of intense deep green. About 8 inches long with small seed area and of finest quality. Same prices as New Cubit.

THE VAUGHAN or LONGFELLOW (See Front Cover)—The best slicing cucumber to date for market purposes. The cucumbers are long, straight and of even diameter. When ready for slicing they will average a foot long and about one and one-half inches in diameter. They are a very deep green and the quality is extra fine. Postpaid. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.75.

DELTUS—This has high quality and is most desirable for slicing; also valuable for greenhouse forcing. It holds its seedless period longer than most sorts. It averages 10 inches long and 3 inches in diameter; smooth, white spined, rounded ends; white, firm flesh; dark green color. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.75.

STRAIGHT EIGHT—All-America Gold Medal in 1935. For home, shipping and market gardens. Fruit uniformly cylindrical, rounded at ends, medium green. Postpaid. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.75.

DAVIS PERFECT—A strong, vigorous grower, producing heavy crops of uniform, long, dark green cucumbers. This offers a good variety for both pickles and slicing.



Cucumber, New Cubit

COLORADO—All-America Silver Medal in 1935. Very attractive market and shipping variety. Fruit dark green, cylindrical and with small seed cavity. One of the best for uniformity, texture and appearance. Postpaid. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.75.

LEMON CUCUMBER (Also called Crystal Apple)—Resembles a lemon, both in color and form. Splendid for pickling or slicing. This variety is outstanding in quality. Free from bitterness and ideal for family use. Postpaid. Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

ARLINGTON WHITE SPINE—Considered the best strain of White Spine.

SPECIAL LONG GREEN—Extra long and large; handsome dark green; fine for slicing or pickling.

IMPROVED EARLIEST OF ALL—Vigorous grower. Dark green, desirable for slicing and pickling.

Pickling Cucumbers

PRICES—Unless noted are: Postpaid. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$1.75.

DOUBLE YIELD—This is claimed to be the most prolific pickling cucumber. It produces enormous quantities of pickles of the most desirable shape and color, often producing twice as many as any other variety. Black spines. It is very early, producing fruit of medium length, very straight with blunt ends and of deep green color. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.75.

NATIONAL PICKLING—Ideal for pickling; fruits deep green, symmetrical with thick walls; full ended; slightly shorter than Chicago Pickling.

BOSTON PICKLING—A popular pickling sort, medium sized and vigorous.

See Pickling Cucumbers Next Page

PICKLING CUCUMBERS—Continued

CHICAGO PICKLING—Vigorous grower; medium green cucumbers with nearly square ends; very prolific; well warted at pickle stage. Largest of the pickling varieties.

SMALL GHERKIN—A small, round, prickly variety used only for pickles. **Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.25.**

KALE, Edible

Culture, same as that of cabbage.

DWARF BLUE GREEN CURLED—Highly selected for commercial growers. This is a green shade similar to the common cabbage blue hue. The leaves are not so subject to turning yellow during the winter. Well curled foliage. **Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.35; lb. \$4.00.**

***TALL GREEN SCOTCH CURLED**—Tall and finely curled leaves. We recommend this sort because the edible leaves are carried off the ground away from mud spattering. **Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.35; lb. \$4.00.**

DWARF GERMAN—Finely curled, low growing. In cold, dry sections it will cover with snow and be protected. **Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.25; lb. \$3.75.**

GEORGIA COLLARDS (Cabbage Type)—Valuable greens for table use and stock feeding. They grow 2 or 3 feet tall and form loose, open cabbage-like heads. They withstand our winters and can be used all winter long. **Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 60c; lb. \$1.75.**

Kale For Feeding

***JERSEY KALE (Improved Thousand Headed)**—Large, heavy, massive plants, with giant, broad leaves. This variety produces by far the largest crop. We offer seed of our own growing. **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 35c; lb. 90c.**

***WINTER PROOF THOUSAND HEADED**—Much more resistant to frost than the regular strain. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

Bottle Mushroom Spawn

Grown in sterile bottles which are removed and the spawn then packed in cartons. One carton of bottle spawn sufficient for 40 sq. ft. of bed. Produces fine white mushrooms. **Postpaid. Per carton \$1.00.**

Horse Radish

Plant in the spring 18 to 24 inches apart. Set the roots small end down. **Postpaid. Doz. 60c; 100 for \$3.00.** Write for prices on quantities.

LETTUCE **Other Than N. Y.**

CULTURE—This group contains loose leaf and soft heading varieties. They have the advantage of quick and easy culture. They also contain more vitamins. Loose leaf lettuce can be grown more thickly than New York types.

PRICES in this group, unless otherwise noted are uniformly: Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$2.00.

BRONZE BEAUTY—All-America winner 1947. A splendid new lettuce. A bronze counterpart of Oak Leaf. It possesses all the fine points of that variety and is really a beauty; also valuable for decorations on the dining table. Very tender and sweet. **Pkt. 15c; ½ oz. 50c.**

BIBB—A favorite head lettuce for forcing in the East and South where it has won popularity for its excellent quality. Smooth dark green outside, leaves bleaching to a rich yellow. A small head of exceptionally fine flavor.

OAK LEAF—Forms a bunch or indefinite head of medium size and light green. Excellent quality, and being free from bitterness, is ideal for summer use.

ICEBERG—Produces large heads, very tender and brittle. Withstands hot weather better than most sorts.

CREAMY HEART—An excellent butterhead type. Hardy for early planting. Medium size.

TOMHANNOCK or PRIZE HEAD—A beautiful quick growing loose leaf lettuce. Leaves large, bordered reddish brown; very tender and sweet.

GRAND RAPIDS—The standard hot-house lettuce for forcing; also does fine in the open ground. Loose leaves with light fringed edges.

COS, PARIS DARK GREEN—Folds well and forms a good firm head, which is light green and white at the heart.

CHICKEN LETTUCE—A rough, tall, loose plant for feed only. Grows 4 feet high and supplies abundant green feed. Fine tonic for laying hens.

Leek

This fine vegetable is easy to grow and will stand through the winter without injury from freezing. It is ideal for soups and stews and its use does not cause gas trouble like onions. It can be planted in rows from seed or it can be transplanted when the plants are small. Plant from early spring up to June 1st. If bleaching is preferred cover with soil except a little of the tip leaves.

ELEPHANT—A vigorous, large variety suited for market or home use. **Pkt. 10c; ½ oz. 30c; oz. 55c; ¼ lb. \$1.50; lb. \$4.50.**

HEAD LETTUCE

CULTURE—Can be planted almost any time of the year. Give head varieties plenty of room, at least 14 inches apart each way. Cover one-half inch deep. Referring to head lettuce, it is generally agreed among large growers that aging of the seed produces earlier and firmer heads, besides making them more sure heading.

New York Strains

PRICES ON NEW YORK STRAINS—
Unless otherwise noted are: Postpaid.
Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00; lb. \$3.25.

This type is the most popular lettuce in America. It makes large, solid heads and bleaches very white and brittle. We have a very large trade with market gardeners and sell New York seed to plant thousands of acres each year. Do not gamble with your crop by buying cheap lettuce seed. Intensive selection has resulted in many strains of New York, several of which we list below. Market gardeners require many different types to cover the various seasons and climatic conditions. For home gardeners we recommend New York Supreme, New York B, and any of the Great Lakes varieties.

GREAT LAKES—All-America bronze medal winner, '44. We have received splendid reports on this new lettuce resulting from last year's sales. A large, sure heading variety exceedingly resistant to warm weather. Especially valuable on higher soil and in dry weather conditions. What chiefly distinguishes Great Lakes from other varieties of the Imperial type is its increased resistance to tip-burn injury and great ability to produce solid heads under adverse conditions. The leaves are large, relatively thick, folding well over the heads so that when unwrapped they give large sections desirable for salads. Large solid heads of fine quality, very free from tip-burn; also very sure heading. It is adaptable for good heads almost nation-wide. This has also proved excellent for the early fall crops. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.00.

CORNELL 456—Valuable for growers in Eastern States. Slightly earlier than Great Lakes and is claimed to be more resistant to tip-burn. Heads very firm but smaller than Great Lakes. Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$1.75; lb. \$5.50.

IMPROVED B—Ideal for commercial growers. An improvement over New York B for market gardeners.

NEW YORK SUPREME No. 55—A true New York strain making solid heads of highest quality. The earliest N. Y. strain and claimed to be the most resistant to tip-burn, making it ideal for summer crops. Besides this it is fine for early spring and fall lettuce. Both home and market gardeners should try this new strain.

NEW YORK No. 12—Large, compact, medium green heads, adapted to early spring and summer cutting. Very popular with growers.



Lettuce, Great Lakes

EARLY GREAT LAKES (See Front Cover)—This fine new strain is earlier and more uniform than the Original Great Lakes. It is more refined with less fringes and the quality is better. In size, slightly smaller but equally resistant to heat and tip burn. The underside leaves are darker green making them more attractive when packed. It has shown up exceedingly well for Spring, Summer and Fall cutting. The solid heads are brittle and sweet. Market gardeners tested it out last season and were enthusiastic about it. Pkt. 15c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$2.00; lb. \$6.50.

SUMMER GREAT LAKES—Another very fine, new strain of Great Lakes. It is very uniform and makes large, solid heads with deep green foliage that holds its color a long time. This too, has very fine quality and nearly every plant makes a good marketable head under reasonably good culture. Not only is it valuable to resist injury from heat and tip burn it is also one of the best varieties for fall cutting. In a test of some 20 varieties of Imperial and New York types for fall marketing, it showed up the best and resisted cold rainy conditions. Only a few growers tried it last season but one large gardener pronounced it the finest lettuce he had ever grown. Pkt. 15c; $\frac{1}{2}$ oz. 50c; oz. 90c; $\frac{1}{4}$ lb. \$2.25; lb. \$7.50. Postpaid.

NEW YORK 515—An early variety well adapted to spring and early summer, also for early fall cutting. Heads quite dark green, medium large, compact and uniform.

HEAD LETTUCE—Continued

IMPROVED 615 (No. 101)—An improved selection that has shown up with fine results. Quite similar to Imperial 615, but more uniform. It makes large solid heads that are very important for fall cutting. A very fine strain in this class. **Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.75; lb. \$5.00.**

NEW YORK "B" (No. 199)—Resembles No. 12, but has better leaf coverage, is larger and more burn resistant. Desirable for early spring and fall cutting.

IMPERIAL "44"—Medium sized, hard heads with few outer leaves. Fine for August and early September cutting in the Pacific Northwest. Recommended for general use in Eastern locations. Exceptionally fine for low, dark soils.

IMPERIAL "152"—Medium sized solid heads. Quite hardy, very sure heading, also resistant to brown blight. Especially desirable for fall cutting.

IMPERIAL "615"—Large, dark green heads, desirable for late summer and fall cutting. Tip-burn resistant. Black seed.

IMPERIAL "847"—Large, dark green heads, desirable for spring, summer, and fall cutting. Tip-burn resistant. Black seed.

MUSTARD

PRICES—Postpaid. Unless noted. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

FLORIDA BROAD LEAF—Large, upright plant; leaves exceptionally large and thick, bright green. Leaves smooth with toothed edges.

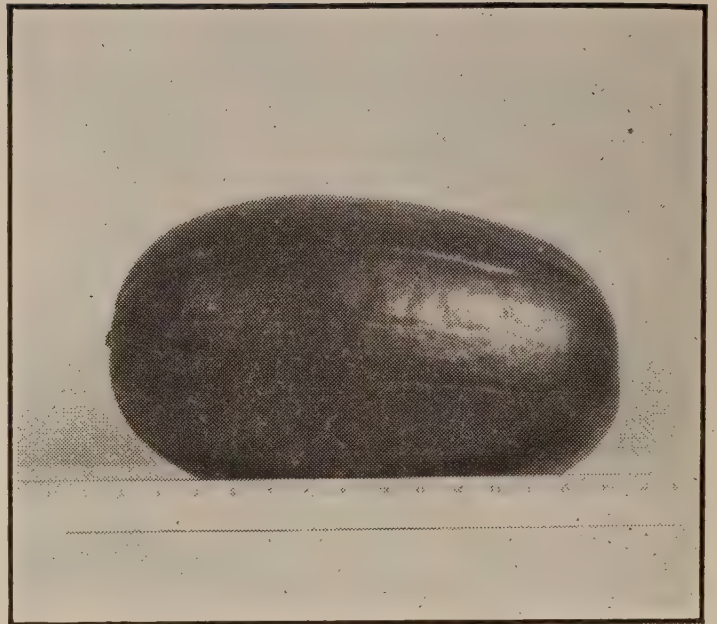
FORDHOOK FANCY—A handsome, vigorous growing, mild variety, standing a long time before going to seed; leaves bright green, intensely curled and fringed at the edges.

GIANT SOUTHERN CURLED—Very popular. Leaves long and wide, light green, heavily crumpled and curled at edges. Best suited for fall crops.

TENDER GREEN—Sometimes called mustard spinach. A rapid growing Oriental greens producing immense yields. It is suited for early spring or fall sowing. Mild mustard flavor. Easy culture.

BOK TOY SPECIAL—A Chinese variety of large size and mild flavor when grown quickly. Plant in rows or sow broadcast in mid August or early September. Commercial growers transplant the seedlings in very rich soil. Special selected seed from a successful Chinese grower. **Pkt. 15c; ½ oz. \$1.25; oz. \$2.00; ¼ lb. \$7.00; lb. \$25.00.**

Quality will be remembered long after the price is forgotten. We have seen growers who lost hundreds of dollars in crops because they saved a few dollars on the cost of the seeds.



Klondike Watermelon

WATERMELON

CULTURE—Plant 8 to 10 seeds in hills 6x6. Thin to 2 best vines. Turn vines with the rows. Plant May 1st to 20th.

PRICES—Unless noted: Postpaid. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.60.**

EARLY ARIZONA—Medium sized round melons with dark green rind and deep red flesh. Dark brown seed. About 30 days earlier than Klondike. Quality equals that of Klondike.

EARLY CANADA—A high quality extra early variety. Rather round shape, weighing about 10 pounds. Matures in about 80 to 90 days in the Northern states.

KLONDIKE No. 7 (Wilt Resistant)—This special strain is exceptionally sweet and fine. The flesh is very brittle and the fruit oblong. We carry a selected strain with deep green rind.

KLONDIKE—A melon of the best quality, being exceptionally sweet and fine. The flesh is very brittle and the fruit oblong. We carry a selected strain with deep green rind.

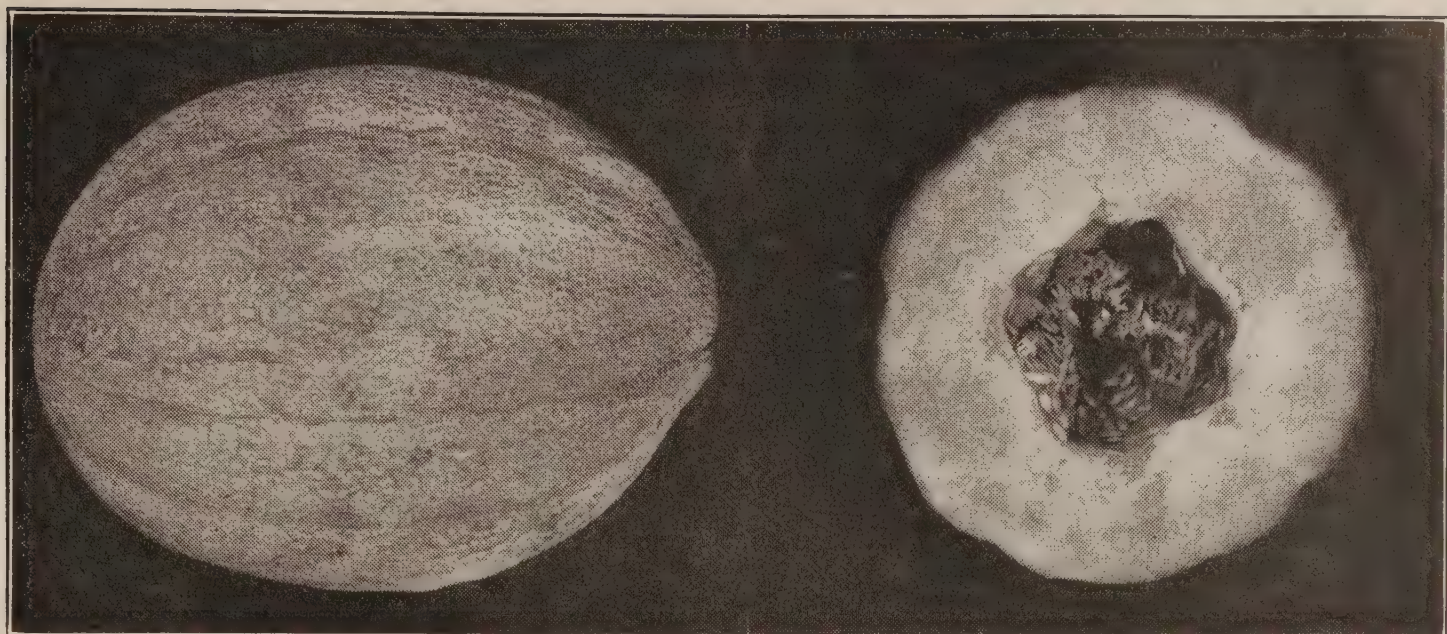
STRIPED KLONDIKE—The original strain and still very popular.

STRIPED KLONDIKE, BLUE RIBBON—Wilt resistant strain with thin, hard, tough rind. Weight 20 to 25 pounds; flesh deep, rich red and sweet.

STRIPED KLONDIKE No. 11—Ready in 90 days. The highest in sugar content of the striped Klondike strains. Flesh bright red. It often carries three or four mature melons at one time that easily attain a size of 25 to 30 pounds.

BLACK SEEDED ICE CREAM—Round shaped melons with thin, ivory colored skin. Pink meated and of fine quality. It will keep late into the winter. Very prolific. Matures very early.

PRESERVING CITRON—Round green fruits distinctly marked with irregular stripes. Used for preserves and candied fruit. **RED SEEDED or GREEN SEEDED.**



Oregon Delicious Melon

MUSKMELON

CULTURE—Loam soil is best, fertilized with rotted manure and Victory Garden fertilizer. Plant 4 to 6 feet, giving more room for larger varieties. Use 8 to 10 seeds to the hill; cover 1 to 1½ inches deep. Turn vines with row to permit cultivation.

PRICES—Unless noted are uniformly:
Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 80c;
lb. \$2.25.

***OREGON DELICIOUS**—We introduced this exceptional melon for quality, size and earliness. They usually weigh 6 to 8 pounds. The melon in the illustration weighed 11¾ lbs. The shape is oblong, slightly ribbed and with a creamy slate green color when ripe. The flesh is salmon, very thick and of wonderful quality. The melons are quite heavily netted and of attractive appearance. It is a selection from the Spear melon. Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.60; lb. \$4.65.

***SPEAR MELON**—This is the original type, somewhat smaller than Oregon Delicious. The netting is more sparse although the quality is very good. A splendid melon for local markets and stands. It matures quite early and is suited to northern sections with short growing seasons. Postpaid. Pkt. 10c; ½ oz. 25c; oz. 40c; ¼ lb. \$1.25; lb. \$3.75.

NEW YORKER—This new melon has great promise for home gardeners and market gardeners. A large melon, bigger than Bender with rind very strong or hard, covered with heavy netting. It is slate colored, turning to light yellow when fully matured. The thick, brilliant flesh has a very high sugar content and the texture is soft and of delicious quality. It is claimed that it resembles Oregon Delicious but with better shipping qualities. Postpaid. Pkt. 15c; oz. 40c; ¼ lb. \$1.20; lb. \$3.50.

EXTRA EARLY KNIGHT—A very early green meated melon. Fruit oblong, weighing around 2 pounds; flesh thick, green, juicy and sweet. One of the earliest good melons for the Pacific Northwest home gardeners.

EARLY BENDER—A large, highly flavored, round melon; very early. Delicious, deep orange flesh. Very popular, high quality variety for home gardens.

PRIDE OF WISCONSIN—A fine new melon of highest quality. Flesh deep salmon; hard grayish green rind, with small triangular seed cavity. 95 days to maturity. Very good shipper. Similar to Queen of Colorado.

JUMBO HALE'S BEST or TRIUMPH—Early, very heavily netted, no ribs, and 25 to 30% larger than the regular Hale's Best. Thick, bright orange flesh and extremely small seed cavity.

HONEY DEW (Green Flesh)—A round-oblong shaped melon with almost white rind. Flesh thick, light green and sweet as honey.

GOLDEN RIND HONEY DEW (Green Flesh)—Also called Golden Honeymoon. About ten days earlier than regular Honey Dew. Same shape, thick flesh, good flavor and carries well in shipping.

MAMMOTH PERSIAN—Large, round, heavily netted melon without ridges. Thick orange flesh of delightful flavor. Usually averages about 10 lbs. in weight. Not recommended for territory west of Cascades, in Northern Oregon and Western Washington.

MEDIUM PERSIAN—A smaller type of Persian melon weighing about 5 to 6 lbs. Except for size, similar to the regular Persian.

HALE'S BEST EARLY "936"—A selected strain a little larger than No. 36. Fruit 6½ by 5¾ inches; heavily netted. Flesh deep salmon and of fine quality.

HALE'S BEST No. 36—About one week earlier than No. 936, 5¾ by 5¼ inches. Uniform, heavily netted and fine quality. 85 days to maturity.

MUSKMELON—Continued

RESISTANT No. 50—A fine shipper, rather oblong in shape. Especially fine for market gardeners and fruit stands. Very fine quality. Resistant to powdery mildew.

RESISTANT No. 45—Wonderful shipping melon and very popular among shippers. Fruits slightly oblong, well netted and with solid, deep salmon flesh. A mildew resistant strain with vigorous vines producing melons 6½ by 6 inches. Fine quality. 88 days to maturity.

HEARTS OF GOLD—Grown extensively for local markets. Fruit nearly round; weight about 3 lbs.; distinctly ribbed, deep green with fine gray netting. Flesh thick, deep salmon; tender, juicy, sweet and aromatic.

PERFECTED PERFECTO—Fruit is nearly round, 2½ pounds, with hard gray netting, without ribs. Very thick flesh and small seed cavity, deep salmon; fine grained, juicy, sweet and aromatic.

IMPERIAL No. 5—Mildew resistant. 88 days to maturity. Vigorous vines producing heavily netted fruit. This new melon promises to be a leading shipper. Extremely high sugar content.

Casaba

CRANSHAW—This melon is very popular in the local markets of Central California. Some of the main restaurants claim it is their best seller. It is a hybrid casaba maturing about the same season as Golden Beauty Casaba. The flesh is thick, of light salmon color and of fine quality. It is not suited for shipping, only being suited for nearby markets and stands. **Postpaid. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.**

GOLDEN BEAUTY—Bright yellow, almost globular in shape and the first to ripen. They will mature in most localities where melons can be grown. **Postpaid. Pkt. 10c; oz. 30c; ¼ lb. 85c; lb. \$2.50.**

Okra

CULTURE—Okra is easy to grow. Plant May 20th to June 20th. Try planting some of this fine vegetable.

PERKIN'S MAMMOTH LONG GREEN—Medium early, very productive. Pods 7 to 8 inches long, slender, meaty, tapered and ribbed. **Postpaid. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.**

EARLY DWARF GREEN—Very productive of short, deep green pods; extra early. **Postpaid. Pkt. 10c; oz. 15c; ¼ lb. 35c; lb. \$1.00.**

Garlic

***SILVERSKIN**—Large late keeping variety. **Postpaid. ½ lb. 35c; lb. 65c. Not prepaid, 5 lbs. @ 55c.**

***LARGE FRENCH**—An early, large sort grown for summer sales. Same price as Silverskin.



Garlic, Silverskin

ONION SETS

***BOTTOM SETS**—Small onions grown from seed planted too thickly to reach mature size. They produce green onions in a short time, or if left to grow they will produce nice, large dry onions earlier than those grown from seed. It is best to use the smallest sets to provide dry onions and larger ones for green onions. **Postpaid. ½ lb. 25c; lb. 40c. Not prepaid, 5 lbs. @ 35c; 10 lbs. @ 30c.**

YELLOW MULTIPLIER or SHALLOTS—Popular perennial that multiplies each year. Desirable for early crops. Brown skin, mild, white flesh. **Postpaid. ½ lb. 30c; lb. 55c.**

EGYPTIAN or TOP SETS—Popular, old fashioned perennial onion. Often planted along a fence. Available for green onions most of the fall and spring. It is best to plant them in the early fall; however, they can be set out in the early spring. **Postpaid. ½ lb. 30c; lb. 55c.**

POTATO ONION SETS—This old fashioned type of onion sets is very scarce. They are grown very much like shallots and usually planted in the spring. They may be left in the ground year after year or dug and cured in the latter part of August. **Postpaid. ½ lb. 30c; lb. 55c.**

ONION PLANTS

WHITE BERMUDA, UTAH SWEET SPANISH, WHITE SWEET SPANISH, WALLA WALLA SWEET, WHITE PORTUGAL and OREGON YELLOW DANVERS—These plants will grow early onions of very mild flavor. (Ready late February.) Plant in the spring as soon as weather permits. **Prices postpaid. 1 bundle, about 100 plants, 35c; 2 bundles, 60c; 5 bundles, \$1.25; 10 bundles, \$2.00.** Write for prices on larger quantities.

ONIONS

CULTURE—A rich loam is best, fertilized with well rotted manure and Victory Garden fertilizer. Sow seed in February or March if the condition of the ground and the weather will permit. Sow with drill in rows 14 to 16 inches apart; cover half-inch deep. Hoe with wheel hoe as soon as they are up, but do not more than scrape the surface as onions do not stand deep cultivation. Thin them to about 8 plants to the foot. It requires 3 to 4 lbs. of seed to the acre. Onions do well year after year on the same ground.

Seed of the white onions can be planted in the spring, summer or fall for green onions. Those planted in the fall, about September 1st, will produce green onions to winter over for early spring use.

PRICES—Unless noted are uniformly:
Postpaid. Pkt. 10c; ½ oz. 35c; oz. 65c;
¼ lb. \$2.00; lb. \$6.00.

EARLY YELLOW GLOBE — Considered the best early market onion for either muck or upland soils. It is early, large and a good keeper. Nearly globe shaped; color deep yellow.

***SELECT OREGON YELLOW GLOBE DANVERS** — The main variety planted in Oregon and the Northwest. The onions are a rich coppery yellow; large and nearly globe-shaped with small necks. Early, heavy yielding and a splendid keeper. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 60c; ¼ lb. \$1.50; lb. \$5.00.

UTAH SWEET SPANISH — A giant globe shaped yellow onion with small top; mild sweet flesh. This development of the Riverside strain is an outstanding improvement. Growers who have tried it demand it again. More resistant to thrip and the skin does not break as easily as other strains we have tested. We offer a very fine strain, carefully selected. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.00; lb. \$6.50.

***WALLA WALLA SWEET** — Large, early yellow onion of mild flavor. Used by growers in Walla Walla territory for fall or early spring planting. A valuable strain of Early Sweet Spanish.

***EXTRA EARLY WALLA WALLA SWEET** — An earlier selection from Walla Walla Sweet.

EARLY YELLOW GRANO — Bulbs top shaped, medium large with straw colored skin. An early, mild strain of Sweet Spanish. Postpaid. Pkt. 10c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.50; lb. \$7.50.

LARGE RED WETHERSFIELD — Large, flattened onions; purplish red.

RED TORPEDO (Red Italian) — Very large, early red onion, popular for home gardens and local markets. Bulbs long, pointed at top and bottom. Flesh firm, sweet and very mild. Postpaid. Pkt. 15c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.50; lb. \$7.50.

DOWNING'S YELLOW GLOBE (Long Keeper Yellow Globe) (See back cover) — One of the best keeping onions. Brownish yellow exterior, medium size, and fine quality. It has proven very successful here in Oregon as a long keeping, quality onion. It is a cross between Australian Brown and Yellow Globe.



Onion, Select Oregon Yellow Globe Danvers

WHITE ONIONS

PRICES—Unless noted are uniformly:
Postpaid. Pkt. 10c; ½ oz. 35c; oz. 65c;
¼ lb. \$2.00; lb. \$6.00.

CRYSTAL WAX BERMUDA — An early white onion, very flat, mild and sweet.

WHITE PORTUGAL or SILVERSKIN — A medium early sort with flattened shape and clear white skin. Extensively planted by gardeners for green onions and is hardier than most sorts.

SOUTHPORT WHITE GLOBE — Handsome globe-shaped white onions noted for keeping qualities and heavy production; also highly recommended as a green bunching onion for spring and summer.

WHITE SWEET SPANISH — Largest white onion. Bulbs globular with small neck, pure white skin and mild flesh. Postpaid. Pkt. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.00; lb. \$6.50.

EARLY WHITE GRANO — Bulbs top shaped, medium large with white skin. An early, mild onion. Postpaid. Pkt. 10c; ½ oz. 45c; oz. 80c; ¼ lb. \$2.50; lb. \$7.50.

WHITE LISBON — Grown extensively, mainly for green bunching onions.

LONG WHITE BUNCHING (Evergreen Strain) — Used for producing green bunching onions. The stems are long and uniform with a large portion of white meat. An oriental strain often used by commercial growers in the Eastern States. Will stand longer than any other kind for green bunching onions. Not good for late summer or fall planting to winter over as it runs to seed early in the spring.

GARDEN PEAS

CULTURE—Plant as early as the ground can be worked in the spring. Peas will not reach perfection if planted after May 1st, although they will make a fair crop. They should be well rooted before warm weather begins. If planted during February and March, they will mature before the aphids get started. Our Northwest grown seed is acclimated and will give better results. Pea seed planted in winter months should be treated with Semesan. Where peas have not previously been grown on the land it is valuable to use NITRAGIN. For seed treatment we recommend Spergon if Nitragin is used.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; ½ lb. 25c; lb. 40c. For 4th zone and beyond, lb. 45c. Not prepaid, lb. 35c; 5 lbs. of one variety @ 30c; 10 lbs. @ 28c. Write for prices on quantities.

Tall Varieties

***WORLD'S RECORD**—An improved Gradus, being earlier and more dwarf. Darker green pods containing 7 to 9 peas of high quality.

***SURPRISE**—Very early. Vines 3 feet. Pods 2½ inches. Fine quality and flavor. Excellent canning variety. Sweeter than Alaska. A small seeded variety.

***GRADUS**—A large, deep green podded sort, popular with gardeners. It matures extra early and is quite productive.

***IMPROVED TELEPHONE (Dark Green or Alderman strain)**—Dark green vines and pods. Vigorous growth, 5 to 8 feet tall, producing enormous crops. Pods 4½ to 5½ inches long, containing 8 to 11 peas of high quality. Excellent for home gardens, market gardens and shipping. Our strain is extensively used by market gardeners.

***THOMAS LAXTON**—An early, medium large podded pea of high quality. Vine 3 to 3½ feet. Dark green pods 3½ inches long with 7 to 8 peas. Ideal for market, canning and freezing. Heavy production. Exceptionally sweet and tender. Especially good for freezing.

***ALASKA**—An extra early, smooth seeded pea. Vines about 2½ feet tall. Well filled pods of medium size, filled tight with small light green peas. It can also be used for pea soup when ripe.

***MAMMOTH MELTING SUGAR (Edible pods)**—The large, broad pods are 5 to 6 inches long and are cooked like snap beans. Postpaid. Pkt. 10c; ½ lb. 25c; lb. 45c.

Dwarf Varieties

MORSES' PROGRESS No. 9—A new type of Laxton Progress; popular with market gardeners. Pods slightly larger and maturing same season as Laxton Progress.

***LAXTON'S PROGRESS or IMPROVED LAXTONIAN**—Pods larger than Hundredfold and a few days earlier. Vines medium dark green; pods handsome dark green; peas large and extra sweet. Very popular with home and market gardeners. Extra fine for canning and freezing.



Peas, Improved Telephone

***HUNDREDFOLD**—Also called Blue Bantam. Early. Vines and pods very deep green. Peas large and of excellent quality.

***LITTLE MARVEL**—Superior to the American Wonder with 3 inch pods and of better quality.

PACIFIC MARKET (No. 40)—A splendid dwarf variety for shippers and market gardeners. Plants are dark green, stocky and branching, resistant to Fusarium wilt. Pods round, dark green, plump, pointed, curved at tips and containing 8 to 10 large peas of finest quality, suited for market, freezing or canning. Vine 28 inches, pods 5 inches long, average days to maturity 74.

***GIANT STRIDE**—Heavy yielding; high quality. Pods same size and shape as Alderman. Same season. Vines about 2 feet. Recommended for market and home gardens.

***IMPROVED STRATAGEM**—Valuable late variety. Ideal for late planting and more resistant to summer heat than any other kind.

Peanuts

Peanuts will not mature safely except in those sections with rather long, warm seasons. Because of many requests we offer them this season. Postpaid. Pkt. of 3 ozs. 15c; ½ lb. 40c; lb. 70c.

Succession Pea Collection

We offer the following suited for home gardeners who wish a variety of peas running from early to late. **Postpaid. 1 Pkt. each. Little Marvel, Laxton's Progress, Hundredfold, Improved Telephone and Improved Stratagem. Worth 50c for 35c; ½ lb. each for \$1.00; or 1 lb. each for \$1.70.**

PEPPERS

CULTURE—Start plants in a hot bed or in pots in a warm room in February or early March. Transplant to open ground May 10th to 20th, rows 3 feet wide, 2 feet in rows.

PRICES—Unless otherwise noted. **Postpaid. Pkt. 10c; ½ oz. 50c; oz. 90c; ¼ lb. \$2.50; lb. \$7.50.**

OAKVIEW WONDER—A week earlier than California Wonder; slightly smaller, but thicker and more symmetrical. It has the same high quality. Yields heavy and very uniform. **Postpaid. Pkt. 10c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.25; lb. \$10.00.**

CALIFORNIA WONDER (See Front Cover)—This fine pepper has the heaviest meat of all. Large, blocky fruit, exceptionally mild and sweet. Fruit mostly upright, crimson, measuring 4¼ inches long by 4 inches in diameter. Season medium. **Postpaid. Pkt. 10c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.00; lb. \$9.00.**

HARRIS EARLY GIANT—Valuable where season is short also where ripe, red fruit is desired. Large, sweet peppers on dwarf, upright plants. Deep green, changing to bright red; very mild. Two weeks earlier than California Wonder. **Pkt. 10c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.25; lb. \$10.00.**

AVALON—New Sweet Pepper. A miniature sweet pepper of even, smooth form, rather button shaped and about 2 inches wide by one inch in diameter. This uniform size and shape makes them ideal for canning, pickling or salads. Fruits bright glossy red, exceedingly thick and sweet, juicy, crispy and delicious. Try this fine new pepper. **Pkt. 15c; ¼ oz. 85c; ½ oz. \$1.50; oz. \$2.50.**

LONG RED CAYENNE—Long red peppers; extremely hot. **Postpaid. Pkt. 10c; ½ oz. 30c; oz. 50c.**

PIMIENTO—Large plant, erect, prolific. Fruit heart shaped, bright red, thick meat and sweet.

PAPRIKA—European variety, very prolific with bright red fruit of medium size. Sweet with very slight pungency.

Northwest grown seeds are indicated in this catalog with a star (*). Quality, not price, is the first consideration in buying seed. Considering quality, our prices are reasonable.



Parsnip, Gill's Success

PARSNIPS

CULTURE—Same as carrots, except time of planting, which should be about May 1st.

PRICES (Seed of our own growing)—**Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

***GILL'S SUCCESS**—Longer roots than the Tender Heart variety and better adapted to market purposes, as it is not so thick at the crown and will bunch better. The smooth, white roots cook tender and sweet.

***GILL'S TENDER HEART**—On account of the superior quality of this parsnip, our family has retained this seed annually for over 60 years. Unlike other parsnips, the heart is tender, never tough; roots are smooth, hollow crown, thick and heavy at top, tapering abruptly, making it easy to dig. Being early, many gardeners use this for late plantings. We have the originator's seed.

***HARRIS MODEL**—Medium length, very smooth and white and remarkably free from small roots and prongs. Recommended for market gardeners who wish a long straight parsnip well suited for packing full length in lug boxes.

Parsley

PARAMOUNT—Produces uniform plants, extra well curled; color of foliage rich dark green. One of the best sorts. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

TRIPLE MOSS CURLED—Dark green moss-like leaves. **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.35.**

PLAIN—Leaves plain; dark green, deeply cut, but not curled. Vigorous growth. **Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.35.**

HAMBURG or TURNIP ROOTED—For flavoring soups and stews. **Postpaid. Pkt. 10c; oz. 25c.**

POTATOES

We can supply certified seed of most leading sorts, such as Earliest of All, Early Rose, Netted Gem, Burbanks and White Rose. Write for our current price list, including varieties available.

PRICES ON SMALL LOTS—Postpaid.
2½ lbs. for 50c.

SWEET POTATOES

CULTURE—Set out in rows four feet apart and 15 inches apart in row, about May 15th to June 20th. Use sandy loam soil in a warm location. Acclimated fresh dug plants are very essential. We do not supply tubers. Each year there is a steady increase in home garden planting of Sweet Potatoes. They are quite easy to grow from sturdy plants.

PRICES ON PLANTS—Strong, healthy plants of local growth. **Postpaid. Doz. 60c; 3 doz. \$1.25; 100 @ \$2.25.**

NANCY HALL—Produces good sized tubers of medium length and quite thick in diameter. The flesh is of a rich orange color and very sweet. It is more like a yam than a sweet potato.

PORTO RICO—A large, reddish skinned sort. Strong, vigorous grower, producing heavy crops.

Herb Seeds—For Planting

ANISE—Used as a cordial and for garnishing and flavoring. Seeds have an agreeable aromatic taste. **Pkt. 10c.**

BASIL (Sweet)—For flavoring soups, stews and highly seasoned dishes. **Pkt. 10c.**

BORAGE—Annual with star-shaped blue flowers. Leaves and flowers have a cucumber flavor, for salads and cold drinks. **Pkt. 10c.**

CARAWAY—Used for flavoring of bread, pastry, etc. **Pkt. 10c.**

CATNIP—The leaves are used for seasoning. It also makes an excellent bee pasture. **Pkt. 10c.**

CHIVES—Leaves used in salads and for flavoring soups and stews. **Pkt. 10c.**

CORIANDER—The seeds are used for flavoring and confectionery. **Pkt. 10c.**

HOREHOUND—Used for flavoring. **Pkt. 10c.**

MARJORAM (Sweet)—The leaves and the ends of the shoots are esteemed for seasoning in summer and are also dried for winter use. **Pkt. 15c.**

SAGE (Broad Leaf)—Hardy perennial, extensively used for seasoning. **Pkt. 10c; ½ oz. 85c; oz. \$1.50.**

SUMMER SAVORY—A hardy annual. The dried stems, leaves and flowers are extensively used for flavoring in dressings and soups. **Pkt. 10c.**

THYME—Used for seasoning. **Pkt. 15c.**



Pumpkin, Orange Winter Luxury

PUMPKIN

CULTURE—Plant May 10th to 20th in rows 8 feet wide and 6 feet in the row, about 8 to 10 seeds to hill, thinning to two good plants. Turn vines with the row to permit cultivation. Use 200 pounds Land Plaster to the acre, plowing it in; also 750 to 1000 pounds 5-10-10 Fertilizer.

PRICES—Unless noted are uniformly: **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

***ORANGE WINTER LUXURY**—This improved strain of our own introduction is far better than the original. The skin, a rich golden orange, is covered with a fine netting, while the meat is very thick, fine grained and of rich golden yellow. It is by far the best pumpkin. Simply cook it done and it is ready for use in making pies. It requires less sugar and eggs than other varieties. Extra early and of medium flattened shape. A splendid keeper that has no equal in quality or appearance. Seed of our own growing.

CHEYENNE BUSH—A new variety of bush growth. This is valuable for home gardens where space is important. A little smaller than Winter Luxury but without nettings. It produces 3 or 4 rich, golden pumpkins right around the crown of the plant. It has exceptionally fine quality. **Pkt. 15c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.**

DICKINSON (New)—Large, somewhat irregular in shape, tan colored with extremely thick orange red flesh. Commercial canners consider it about tops. It is of outstanding high quality. **Postpaid. Pkt. 15c; oz. 25c; ¼ lb. 75c; lb. \$2.00.**

CONNECTICUT FIELD or JACK O' LANTERN—The common field pumpkin grown for stock feeding and Jack o'Lanterns. Rich, orange colored skin.

SMALL SUGAR—Rather round fruit of small size, 5 to 7 inches in diameter. Smooth skin of bright orange color. Fine quality for pies. Early maturity.

KING OF MAMMOTH—A giant often weighing 200 pounds; suited for feeding and exhibition.

RADISH

CULTURE—Radish can be planted almost the year around, except during cold weather months. They can be planted in the fall as late as October 15th. They are then available during winter months

PRICES—Unless noted are uniformly; Postpaid. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 40c; lb. \$1.10. Write for prices on larger quantities.

COMET (See Front Cover)—Ball shaped, bright scarlet; small tap roots. Splendid quality. Will remain crisp and solid when other early radishes have become pithy. Very popular with gardeners.

SPARKLER WHITE TIP—The lower third is white with bright red on upper portion. Popular for home use and market gardeners.

EARLY SCARLET GLOBE—Medium tops. Beautiful scarlet globe-shaped radish, of quick maturity and exceptionally fine flavor. Very fine market sort.

CAVALIER—A forcing type of Scarlet Globe; very popular with gardeners.

CRIMSON GIANT—A crimson, turnip-shaped radish that combines large size with superior quality. Popular for later spring and summer use.

LONG BRIGHT SCARLET WHITE TIP—The roots are 4 to 5 inches long, very attractive and fine quality.

WHITE ICICLE—A splendid white radish of long shape and with mild flavor. Very popular.

PHILADELPHIA WHITE BOX—Medium early. White variety for forcing or outside. Round roots, crisp and mild.

Radish Collection

We will mail one packet of each of the above 8 varieties of radish, and the 4 varieties of winter radish listed below, worth \$1.30 for 75c; postpaid.

Winter Radish

SCARLET CHINA—Roots of bright scarlet color. Fine quality. Sow in late August for winter use.

WHITE CHINESE—Long, white, stump rooted radish, always solid, crisp and mild.

Oriental Radish

MAMMOTH SAKURAJIMA—Extra large, long globe-shaped roots, often attaining a weight of 15 pounds. Skin white, flesh solid and brittle and of fine flavor. Sow in rows and thin or transplant. For best results plant August 1st to 10th. Pkt. 15c; oz. 45c; $\frac{1}{4}$ lb. \$1.25; lb. \$4.00.

NERIMA—Often grows 15 to 18 inches long and $1\frac{1}{2}$ to $2\frac{1}{2}$ inches in diameter; skin pure white. They can be dug and covered with soil and will keep throughout the winter. Sow in rows $2\frac{1}{2}$ feet apart about August 1st and thin to one foot apart. Plant in rich, well-drained soil. Pkt. 15c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.



Radish, Scarlet Globe

Rapa

An Italian vegetable valuable for greens. Sow broadcast in mid-August. It is ready in early fall. Sown in mid-September it provides fine greens very early in the spring. Foliage resembles turnips. The young, tender leaves surround a small head of fine, deep green buds. Both are cut for greens. If you like turnip greens, you will be pleased with this. Very nutritious and easy to grow. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 85c; lb. \$2.50.

Rhubarb Seed

CRIMSON WINTER—Early and long bearing. Fine flavor. Transplant when roots are large as a pencil. Rhubarb seed will not always produce plants true to type. Postpaid. Pkt. 10c; $\frac{1}{2}$ oz. 60c; oz. \$1.00; $\frac{1}{4}$ lb. \$3.50.

Salsify (Vegetable Oyster)

MAMMOTH SANDWICH ISLAND—A good sort and most generally planted. Cultivate same as carrots. Postpaid. Pkt. 10c; oz. 45c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.50.

Sunflower

MAMMOTH RUSSIAN—This is one of the heaviest yielders and produces extra large heads, well filled with large, plump seed. Postpaid. Oz. 10c; lb. 40c. Not prepaid, lb. 35c; 10 lbs. @ 28c lb. Subject to market changes.

SPINACH

CULTURE—Sow in drills 16 to 20 inches apart, thin to 3 inches. For early use, sow in the fall, or sow in early spring for late spring or summer use. Fine fall spinach can be grown by planting seed August 20th to September 1st, and winter spinach can be planted until October 15th.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; oz. 15c; ¼ lb. 30c; lb. 75c. Not prepaid, lb. 65c; 10 lbs. @ 60c. Write for prices on quantities.

GIANT CAVALLIUS—A new giant novelty from Denmark, especially valuable for greenhouse culture; also for outside planting during late fall or winter in mild climates near the Coast. It is claimed to produce 3 to 6 times more than standard varieties. In greenhouses it develops its greatest production during a maximum day length of 10 to 11 hours. The plants are tall with smooth leaves of bright green color. It grows rapidly and has splendid cooking qualities. If planted during spring and summer it will grow about like ordinary spinach. Therefore it should be planted in greenhouses for growth during the dark winter months. This is also true of outside culture in localities suited for it. We have not grown this novelty but it comes from a responsible source so we believe it is well worthy of a trial as mentioned. Prickly seeded. We offer seed from the originator. Offered in packets only at 25c each.

***GIANT LEAF**—The largest and the most productive of any sort we have tried. Plants 20 inches across are not uncommon on good soil. The leaves are simply immense and deep green. Very heavy, brittle and tender. It is very slow to run to seed and is especially valuable for spring, summer and fall cutting.

***NORTHLAND**—A dark green selection out of Giant Leaf. It has all the good characteristics of that variety and in addition, a darker color.

***IMPROVED THICK LEAF or VIROFLAY**—This variety is very popular and we have a fine strain of seed. The leaves are broad and smooth and of medium deep green. It will stand more cold weather than any other sort and is very popular for fall sowing and early spring.

HOLLANDIA—A giant leaved prickly seeded sort; very popular with gardeners for spring, summer and fall cutting. Dark green, broad, thick leaves.

***LONG STANDING SAVOY**—Very early with upright crumpled leaves. Slow bolting.

New Zealand Spinach

A good summer vegetable which resists the heat and can be cut throughout the season. Plant seed after the ground becomes warm. It differs in appearance from the regular spinach but is prepared in the same manner. Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 65c; lb. \$1.75.

European Aid Garden Collection

A collection of garden seed has been arranged by the U. S. Department of Agriculture, such as will produce under normal conditions 5 tons of food. We will mail this collection for you at the price listed if you send us the name and address, provided it is located in the countries mentioned. If you prefer we will mail the collection to you or you may request that we send them to Church World Service, Inc., and they will make the distribution in Europe.

Seeds are scarce in Europe and you can assist them to help themselves by supplying garden seeds.

The measures, germination and types of vegetables have been selected by the Department of Agriculture and we will comply with their instructions given. Shipments can be made to the following countries:

Albania	France	Norway
Austria	Germany	Poland
Belgium	British Isles	Portugal
Bulgaria	Greece	Roumania
Czecho-Slovakia	Hungary	Sweden
Denmark	Italy	Switzerland
Finland	Luxemburg	Turkey
	Netherlands	Yugoslavia

Time is very important, therefore please order early—January and February are preferred. The assortment weighs approximately 2 pounds and is arranged to provide for seasonal planting to provide vegetables throughout the year. Pkt. weights are established by measures.

½ lb. Peas, Laxton Progress (Dwarf)	.25
½ lb. Beans, Green Snap, Tendergreen	.25
1 pkt. (2 ozs.) Beans, Pole, Delicious Giant	.10
2 ozs. Beet, Detroit Dark Red	.40
1 oz. Carrot, Oregon Chantenay	.25
1 oz. Onion, Downing Yellow Globe	.65
1 oz. Radish, Comet	.20
1 oz. Spinach, Giant Leaf	.15
½ oz. Turnip, Purple Top White Globe	.15
½ oz. Rutabaga, Laurentian	.15
1 pkt. (1/16 oz.) Green Broccoli, Medium	.10
1 pkt. (½ oz.) Brussels Sprouts, Oregon Special	.10
1 pkt. (1/16 oz.) Cabbage, Copenhagen	
Market (Early)	.10
1 pkt. (1/16 oz.) Cabbage, Ore. Ballhead (Late)	.10
1 pkt. (1/64 oz.) Cauliflower, Early Snowball	.15
1 pkt. (¼ oz.) Cucumber, Chicago Pickling	.10
1 pkt. (1/16 oz.) Endive, Large Green Curled	.10
1 pkt. (1/12 oz.) Kale, Dwarf Green Curled	.10
1 pkt. (1/10 oz.) Lettuce, Cream Butter (Head)	.10
1 pkt. (1/10 oz.) Lettuce, Tomhannock (Leaf)	.10
1 pkt. (1/16 oz.) Leek	.10
1 pkt. (1/12 oz.) Parsley, Triple Curled	.10
1 pkt. (⅛ oz.) Parsnip, Success	.10
1 pkt. (⅛ oz.) Summer Squash, Zucchini	.10
1 pkt. (1/16 oz.) Tomato, Pritchard	.10

Regular Value \$4.10

PRICES: This collection sent postpaid to individuals in countries mentioned, or to individuals in the U. S., for \$3.95; or Prepaid in the U. S. in lots of 25 to 99 @ \$3.65 each, or in lots of 100 or more @ \$3.50 each.

The addresses of Church World Service in U. S. are as follows:

214 E. 21st, New York 10, N. Y.
236 Beacon St., Boston 16, Mass.
134 N. Patterson Blvd., Dayton, Ohio.
740 Esplanada Ave., New Orleans 16, La.
711 Compton Ave., Los Angeles, Calif.
2534 Florida Ave., Richmond, Calif.
2247 E. Marginal Way, Seattle 4, Wash.
New Windsor, Maryland.
510 So. Elm, Webster Groves 19, Mo.

SQUASH Winter Type

CULTURE—Plant from May 10th to 25th in hills 10 feet apart, 8 to 10 seeds to the hill. Thin to two strong vines. Sow 200 pounds of land plaster to the acre and plow in. Write us for fertilizer hints.

PRICES—Unless noted are uniformly: Postpaid. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 60c; lb. \$2.00.

***SWEET MEAT**—Reports are coming from all over the Nation commending this new squash. Many report it as the best squash yet introduced. It has long been our policy not to introduce any new variety unless it has decided advantages over those already introduced. We have no hesitation about featuring this new squash. Its name tells part of the story, for it is the sweetest squash we have ever seen and it is also the longest keeper. We kept six squash in good edible condition from crop to crop. The texture of the meat is very fine grained and as sweet as the finest sweet potato. The meat is very thick, making a squash surprisingly heavy. They are not very large, being of a good family size, and averaging about 8 to 12 pounds each. They are shaped like the turban type but the indentation or knob at the blossom end is smaller than most of the turban type. The color is slate with slight greenish cast. The variety is well fixed in type except for the seed color. They are mostly white but occasionally we find squash with amber colored seed. We see no difference in the character, color or quality and either color is equally good. We separate the colors when the seed is harvested. Market gardeners who prefer white seed may note it on their order.

An unusual feature is its long keeping qualities and also the fact the flavor and sweetness increase with age for at least six months from harvest. It is one of the earliest of maturity in the winter type. It is a very vigorous grower and unusually free from disease. The squash are very uniform in size, color and shape. We predict great popularity for it for either home gardens or market gardens. We believe its high quality will win a place for this fine squash across the nation. Pkt. 15c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50; lb. \$4.00.

***UMATILLA MARBLEHEAD (New)**—This strain was selected by the Eastern Oregon Experiment Station for resistance to blight. It is very uniform in shape and color and a very heavy producer of large, thick meated squash. The meat is golden yellow and of fine quality. The squash are rather oblong and often weigh 30 to 40 pounds each. The seeds are yellow brown. Postpaid. Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$2.65.

BUTTERNUT (New)—A new squash suited for winter use. 10 to 12 inches long with thick orange colored flesh of fine table quality. Do not confuse with Buttercup. Small seed cavity in one end of the long, pear shaped squashes. Pkt. 15c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$3.50.



Squash, Sweet Meat

***GILL'S GOLDEN DELICIOUS**—We take great pride in offering this remarkable squash of our own origin. We have not found any variety that will equal it for quality, except Sweet Meat. However, these two varieties have different flavors. It is the finest squash for pies and even picked young as a summer squash its quality is outstanding. The flesh and skin are a rich golden orange with no trace of green near the rind. The flesh is two to three inches thick. It cooks extra dry, fine grained and sweet. Many of our friends say, "It is better than a sweet potato." The skin is thin without a hard shell, but it is a fine keeper for winter use. On account of its high quality and attractive color, it has created a sensation with canners and freezers and those who tested it claim it has the highest starch content of any variety they have tried. It grows very vigorously and produces heavy crops. We are continually improving this variety.

BUTTERCUP (New)—A small turban shaped squash weighing about 3 to 4 lbs. Rind thin and tough, dark green with narrow gray stripes. Adapted to home gardens; a very good keeper. Pkt. 10c; oz. 40c; $\frac{1}{4}$ lb. \$1.25; lb. \$3.50.

***ROUND HUBBARD**—We introduced this strain of Round Hubbard in 1943. It is not a true round shape but looks like an enlarged Baby Hubbard. It matures earlier than True Hubbard and averages about 10 to 15 pounds each. The meat is very thick and of deeper orange color than the old types of Hubbard. The quality is extra good. It is quite free from the green tint next to the rind.

CHICAGO WARTY HUBBARD—Similar to the regular or True Hubbard except the skin is warty.

SQUASH—Continued

*GILL'S GOLDEN TABLE QUEEN —

A golden strain which we have selected and developed out of Table Queen. Thicker meated, better quality and more attractive for table use when baked. Also delicious used as a summer squash when the fruits are 2" to 2½" long. Try this fine squash.

BLUE HUBBARD — Superior quality, great production and attractive appearance make this a favorite, especially in New England. Thick flesh; very hard blue-gray rind, weight 12 to 15 pounds.

***TABLE QUEEN or ACORN**—A miniature squash growing about 7 inches long and 4 to 5 inches thick. Thin shelled; dark green; early maturing. Desirable for home and market garden, also for shipping. True seed of our own growing.

DELICIOUS — An extra sweet, fine-grained, dry cooking squash. Medium size, top shaped with greenish-black skin; flesh very thick, orange colored with small seed cavity.

***BANANA** — This squash is in great demand and we have a very fine strain. The exterior of the skin is grayish-green color, while the meat is a rich orange. The average size is from 24 to 30 inches in length and 6 inches in diameter. It is claimed to be resistant to blight.

RED BANANA—Same as above except the skin is reddish orange.

***TRUE HUBBARD** — Selected strain, and while we do not consider it equal to Delicious in flavor, it is a heavier yielder and better known in the market. We have a true stock of seed carefully selected for color, shape, and quality.

***YAKIMA MARBLEHEAD** — Large slate colored variety of fine quality. It produces heavy yields of thick meated squash. Popular shipping variety.

JUMBO TABLE QUEEN—About one-fourth larger than the Table Queen but of like shape and quality.

GOLDEN HUBBARD — Orange red Hubbard type but earlier and smaller; fine quality.

***BABY HUBBARD** — They average about 6 to 8 pounds. Well suited for crating and popular for home gardens. Fine quality and good keepers. Nearly round in shape. **Postpaid. Pkt. 10c; oz. 25c; ¼ lb. 75c; lb. \$2.50.**

BOSTON MARROW—Orange colored squash of large size extensively used by canners.

***GENEVA DELICATA**—Color cream, heavily mottled and striped with green. Quite early, a good keeper and of fine quality. Valuable for home or market. **Postpaid. Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.00.**



Squash, Gill's Golden Delicious

SUMMER SQUASH

PRICES—Unless noted are uniformly: **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.60.**

YANKEE HYBRID—This hybrid cross is similar in appearance to Early Prolific Straightneck but is extra early. Market gardeners are using it with fine success. **Postpaid. Pkt. 15c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.35; lb. \$7.50.**

ZUCCHINI (Italian Squash)—It should be eaten quite young when 3 to 6 inches long. The color is mottled deep green. Easy to grow.

BLACK ZUCCHINI—Like Zucchini, except that it is of much darker green color. Popular for market.

COCOZELLE or ITALIAN MARROW—Dark green when young, changing to lighter green as it matures. One of the earliest kinds and of high quality.

GIANT SUMMER CROOKNECK — Grows larger than the common sort. Golden yellow and thickly warted.

EARLY SUMMER CROOKNECK — Smaller, earlier and much more prolific than Giant Crookneck. Deeper gold color.

GIANT SUMMER STRAIGHTNECK—A selection from the Crookneck strain. More uniform thickness and packs to better advantage. Well warted and good quality.

MAMMOTH WHITE BUSH SCALLOP — Early; large, pure waxy white skin; somewhat flattened in shape.

BENNING'S GREEN TINT BUSH SCALLOP — Uniform, prolific squash with shade of pale green, favored in the markets.

EARLY GOLDEN PROLIFIC STRAIGHTNECK — The fruits are of medium size or smaller than the Giant Straightneck but the color is a little deeper golden. The plants are much more productive than Giant Straightneck and about 10 to 15 days earlier.

TOMATOES

CULTURE—Plant seed in box inside or in hotbed from February 15 to March 15. Transplant May 10 to 20; rows 6 feet wide and 4 to 6 feet in rows; use light, loamy soil, well cultivated and fertilized.

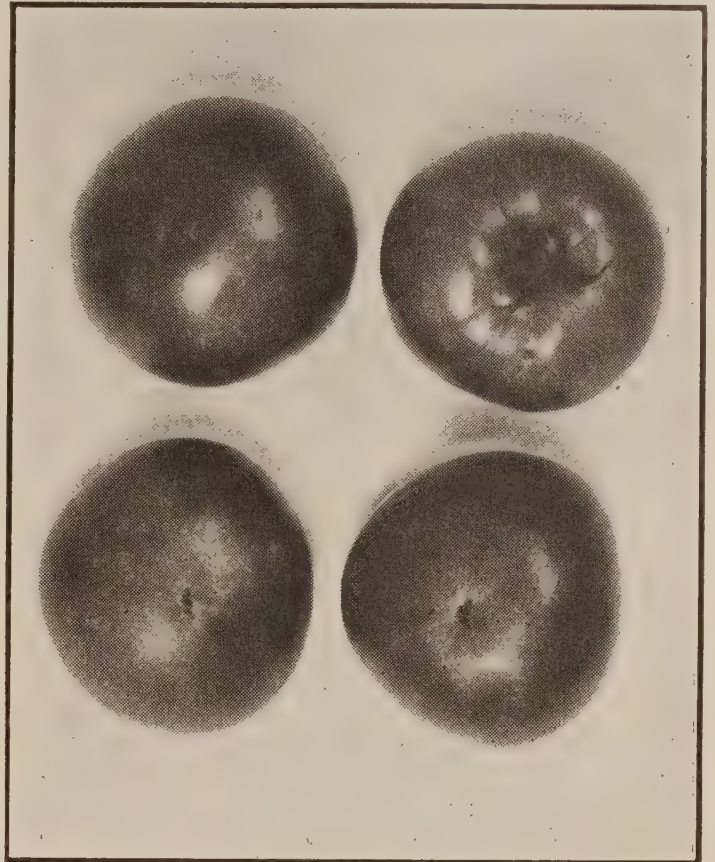
PRICES—Unless noted are uniformly:
Postpaid. Pkt. 10c; ½ oz. 40c; oz. 70c;
¼ lb. \$2.00; lb. \$6.75.

***GILL'S ALL-PURPOSE**—Our 1947 introduction and originated by Gill Bros. This grand new tomato is just like its name implies and is fine for all the main purposes. Field trials indicate that this variety produces its main crop as early as Select Earliana. Ideal for canning or juice; also splendid for home gardens and market gardens. It is a cross between Wasatch Beauty and the Pepper Tomato and retains the best qualities of both. 1946 was a poor year for tomatoes in many parts of the country and especially in the Portland, Oregon, region, but this variety out-yielded all others in our fields and trial grounds. It produces a heavy set of large, uniform fruit on self-terminate vines. The fruit are bright red, possessing the solid, deep red interior of the Pepper tomato and with its fine flavor. On account of its excellent flavor and solid meat it is ideal for slicing. Fruit free from large cores and of half globe shape as shown in the illustration. The blossom ends of the fruit are ideal and free from so-called "monkey faces." Vines vigorous and healthy and unusually resistant to disease. Fruit of large size, but not as large as the Wasatch Beauty. They pack good and stand shipment better than most sorts. We urge you to try this variety under your climate and growing conditions. Pkt. 15c; ¼ oz. \$1.00; ½ oz. \$1.75; oz. \$3.00; ¼ lb. \$9.00; lb. \$25.00.

VICTOR—An extra early variety with self topping vines which are rather small and suited for home gardens. Heavy cropper of medium sized fruit. Pkt. 15c; ¼ oz. 40c; oz. \$1.25; ¼ lb. \$4.00.

***NEW JUBILEE**—Originated by W. Atlee Burpee and awarded Bronze Medal in 1943 all-America trials. Large globe-shaped fruit of deep orange color. The flesh is very solid, deep orange in color and of fine flavor. Good for slicing, canning or juice. This variety has attained rapid popularity. Selected seed of our own growing. Postpaid. Pkt. 15c; ½ oz. 75c; oz. \$1.25; ¼ lb. \$4.50.

***SEATTLE BEST OF ALL**—This strain has been developed by a Seattle market gardener who started his selections from the Best of All greenhouse variety. It is larger and more productive than the original and is suited for either greenhouse or open field culture. The fruit, borne in clusters of 6 to 9, are very uniform and of bright scarlet red color. Exceedingly heavy yields. Seed of our own growing. Postpaid. Pkt. 10c; ½ oz. \$1.00; oz. \$1.65; ¼ lb. \$4.50; lb. \$12.50.



Gill's All-Purpose Tomato

JOHN BAER—Extra early, large, bright scarlet fruit, smooth and firm.

EARLY CHATHAM (Certified)—Extra early; bright red fruit of medium size on rather small plants. The branches terminate in dense clusters of fruit. The heavy production on small plants make it ideal for family gardens where space is limited. Pkt. 15c; ¼ oz. 40c; oz. \$1.25; ¼ lb. \$4.00.

VALIANT—This variety is becoming very popular with market gardeners. A half-brother of Stokesdale, it develops a deep Marglobe type tomato and ripens within 3 days of Earliana. It is 4 days earlier and often 2 ounces heavier than Stokesdale. A valuable tomato for market but not primarily adapted as a canner. Our sales have steadily increased on this variety. Postpaid. Pkt. 10c; ¼ oz. 60c; oz. \$1.00; ¼ lb. \$3.00; lb. \$9.00.

***IMPROVED PEPPER TOMATO**—We have selected this for several seasons and now have heavy yields of large, smooth fruit, ideal for market. It is very resistant to rain cracks, practically every fruit is smooth, generally of near globe shape, and they are exceptionally solid, containing very little seed. The fruit is red with a pink tone and the sweetest of any we have tried, being unusually free of acid. Ideal for tomato juice and by far the best for slicing. Every year this variety has gained rapidly in popularity. Many home gardeners will have nothing else. Postpaid. Pkt. 10c; ¼ oz. 35c; ½ oz. 60c; oz. \$1.00; ¼ lb. \$3.50.

TOMATOES—Continued

***IMPROVED WASATCH BEAUTY—**(See Front Cover)—In 1939, we introduced this remarkable tomato and we have improved it each year. It is early in maturity and very heavy bearing. The branches terminate in a cluster of fruit, making a compact plant, and more plants may be set per acre. The fruit is round, firm and smooth; a beautiful red color, and borne in clusters of three to six good sized tomatoes. It is an especially good shipping and canning variety. Both market and home gardeners should try this outstanding new tomato. **Postpaid. Pkt. 10c; ¼ oz. 35c; ½ oz. \$1.00; oz. \$1.60; ¼ lb. \$4.00; lb. \$12.50.**

***GILL'S SELECTED EARLIANA—**For years we have given personal selection to this strain and believe we now have the largest and smoothest Earliana tomato yet offered. The fruit is of bright deep red color, rather thick from stem to blossom and unusually solid. Owing to the fact that it is a shy seeder we must ask more for the seed than other sorts. Do not confuse this with the ordinary strains of Earliana. Reports from large growers claim this is the best strain of Earliana they have tried. Also reports from hot climates indicate it is unusually successful, one grower picking continuously from July until November, storing green ones then for December supplies. This is made possible by a minimum of cracked fruits. Do not fertilize with any kind of manure in growing Earliana strains. It will produce rough fruit. Use 3-10-10 fertilizer. **Postpaid. Pkt. 10c; ¼ oz. 25c; oz. 85c; ¼ lb. \$2.50; lb. \$9.50.**

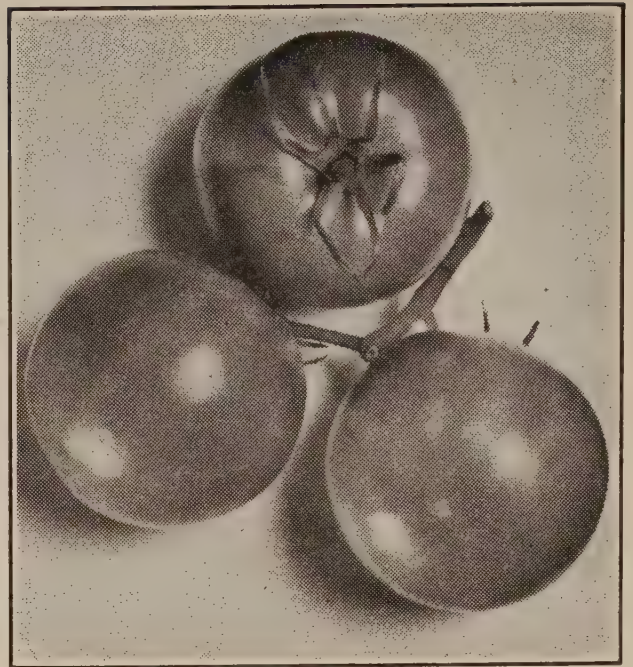
***HILL SELECTED EARLIANA—**Saved from special plants marked in the field. **Postpaid. Pkt. 25c; ¼ oz. \$1.25; ½ oz. \$2.25; oz. \$4.00.**

THE PRITCHARD, CERTIFIED (Scarlet Topper)—In earliness similar to Break O'Day. Exterior and interior color intense scarlet. Fruit of half globe shape and very solid. A tremendous cropper.

STOKESDALE (Certified Seed)—An outstanding variety, very popular with growers for local markets and shipping. Matures along with Bonny Best. Bright red fruit that is smooth, uniform and 90% round. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25; lb. \$7.50.**

RUTGER'S—Notable for high yield and uniform ripening of medium to large fruits of fine quality. Shape similar to Marglobe, but more flattened at the stem end. Especially recommended for commercial canning and juice.

SCARLET DAWN—An early variety with medium vines, very prolific. Medium large fruit, smooth, globular; attractive bright scarlet. Fine quality and flavor. Desirable for home garden, shipping and canning.



Improved Pepper Tomato

BREAK O'DAY—Ten to twelve days earlier than Marglobe. Solid fruit of bright scarlet; very few seeds. Wilt resistant. Desirable for home canning. Outstanding in flavor and next to Improved Pepper in sweetness.

MASTER MARGLOBE (Certified Seed)—A very popular market and shipping tomato. Average weight 6 ounces, ratio depth to width 90%. A second early, thick meated tomato of bright red color.

BONNY BEST—We carry an extra fine strain of this early variety. Medium sized, uniform fruit of bright scarlet.

DWARF STONE—Tree type plants, producing large, smooth, meaty fruit of bright red color.

MINGOLD—An early yellow tomato of fine flavor and quality. Medium large, solid fruits.

GREATER BALTIMORE—Ideal for canning and market. Fruit flat, medium large and deep scarlet. Large, vigorous plants.

BEEF STEAK—Large bright red type of Ponderosa. **Pkt. 10c; ¼ oz. 35c; ½ oz. 65c; oz. \$1.00; ¼ lb. \$3.00.**

SAN MARZANO (Italian Paste Tomato)—For preserves, puree and solid pack canning. Two celled fruit 3½ inches long and 1½ inches thick. Color deep red; very little juice and mild in flavor. **Pkt. 15c; ¼ oz. 40c; oz. \$1.25.**

PORTER TOMATO (New)—A very sweet little tomato of pinkish red color. One tomato is a mouthful and can be eaten without getting juice on clothing. It is ideal for lunches and munching between meals. A heavy cropper and little subject to cracking. Round globe shape and very uniform. Diameter about ¾ to 1 inch. **Pkt. 15c; ¼ oz. \$1.00.**

PEARSON—Ideal for shipping, market or canning. Medium large, semi-globe and of good red color. Heavy cropper. **Postpaid. Pkt. 10c; ½ oz. 40c; oz. 75c; ¼ lb. \$2.25; lb. \$8.00.**

TOMATOES—Continued

PONDEROSA—Fruit of inviting flavor; very large, flat, purplish pink, somewhat rough; solid with small seed cells. Matures rather late. **Pkt. 10c; ¼ oz. 35c; ½ oz. 65c; oz. \$1.00; ¼ lb. \$3.00.**

PEAR TOMATO—Popular for preserves and matures heavy yields quite early. We offer both red and yellow.

GROUND CHERRY or HUSK TOMATO—Prized for preserves, pies or sauce. Will keep into the winter. Fruit yellow. **Pkt. 10c; ¼ oz. 35c; ½ oz. 65c; oz. \$1.00.**

TURNIPS

CULTURE—Sow broadcast from August 1 to September 1 for late turnips. Milan varieties can be sown as late as October 1.

PRICES—Unless noted are uniformly: **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 45c; lb. \$1.25.**

EXTRA EARLY PURPLE TOP MILAN—Among the earliest; roots flat, white with purple top. The best for early planting and late fall sowing. **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

WHITE MILAN—Extra early; tops small; roots medium small, white, flat and of fine quality. **Pkt. 10c; oz. 20c; ¼ lb. 50c; lb. \$1.50.**

EARLY SNOWBALL—An extra early, round turnip, snow white, and crisp.

POMERANEAN WHITE GLOBE—Good either for stock or table and resists the worms the best. Splendid keeper.

***PURPLE TOP WHITE GLOBE**—The best all-around turnip for fall and winter use. Its beautiful color, pure white with purple top, combined with its smooth globe shape, fine sweet flavor and its wonderful productiveness put this turnip in the top class for market or home use.

WHITE EGG—Pure white, egg shaped, early. Often used for bunching.

COW HORN—A large, long-rooted, white turnip for feeding purposes.

SHOGGIN (Foliage Turnip)—An oriental variety, very popular for greens. The leaves grow upright about 2 feet high. Roots semi-globe, pure white, tender, sweet.

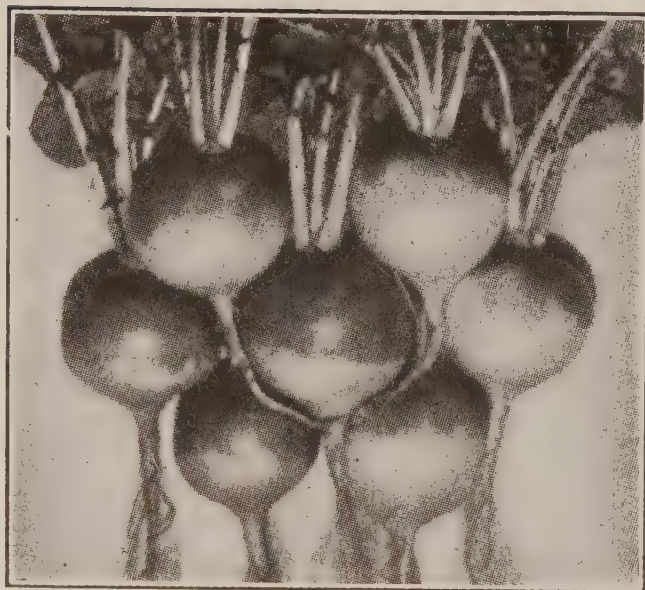
Yellow Fleshed Turnips

See prices under turnips above.

***ORANGE JELLY or GOLDEN BALL**—The best yellow sort for market or family use. Roots medium sized, round and smooth, with yellow skin and flesh. One of the best for winter keeping.

***YELLOW BORTFELDER**—A heavy cropping, long-keeping variety, in favor with dairymen.

PURPLE TOP YELLOW ABERDEEN—Extensively grown for stock feeding. Good keeper.



Turnip, Purple Top White Globe

RUTABAGA

CULTURE—Sow in drills, 3 feet apart; thin to 6 inches apart. May be planted from June 15th to July 15th. The later sowings produce the best quality. Can be sown broadcast in mid-July.

IMPROVED PURPLE-TOP YELLOW (Regular Strain)—Produces smooth, globe-shaped roots of good size. Flesh deep yellow and fine grained. **Postpaid. Pkt 10c; oz. 20c; ¼ lb. 35c; lb. \$1.00**

***GOLDEN NECKLESS (With purple tops)**—Similar to the above except it is short necked like a turnip. Exterior skin golden yellow under ground with high quality yellow flesh. Our strain is very popular with market gardeners to whom we supply large quantities of seed. **Postpaid. Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.25.**

LAURENTIAN—A new neckless type. Roots purple topped, clean, well shaped roots; skin thick and a good keeper. Flesh light yellow or cream color, fine grained and excellent quality. **Pkt. 10c; oz. 20c; ¼ lb. 40c; lb. \$1.25.**

Tampala

A new green vegetable, the leaves of which are used like spinach. It retains its tenderness for a long period and is suited for warm weather. It can also be used as a fresh salad. The leaves have more body, more flavor and more food value than spinach. It should be planted in fairly warm weather. **Postpaid. Pkt. 10c; ¼ oz. 35c; oz. \$1.00.**

RED TAMPALA—Same as above except that foliage has a red tone. **Pkt. 15c; ¼ oz. 75c; oz. \$2.25.**

Tobacco

CONNECTICUT SEED LEAF—The earliest maturing sort for the Northwest. **Pkt 10c; ½ oz. 50c; oz. 90c.**

WHITE BURLEY—Long, broad leaves. Very prolific. **Pkt. 10c; ½ oz. 50c; oz. 90c.**

HIGH GRADE LAWN GRASS

WRITE FOR PRICES ON QUANTITIES. We supply grasses for golf courses and other large plantings. We will gladly quote you. All prices quoted are subject to market change without notice.

Prices marked postpaid apply up to and including fourth zone, beyond which send additional. We specialize in high-grade lawn grass seed. During the past few years, we have supplied lawn seed for some of the largest institutions in the Pacific Northwest. Whether it is a small lawn or a large one, we can supply the seed and we will be glad to quote you either on mixtures or separate grasses. Many of the lawn grass mixtures on the market contain rye grass seed. We consider rye grasses too coarse and too rapid of growth to be included in mixtures and therefore do not use them in our mixtures. In estimating the ground to be planted figure on one pound to 300 square feet of surface. If interested in lawns, write for our free bulletin on "Lawn Culture" by Ray W. Gill.

In Western Oregon, Washington and California, September and October are ideal for sowing lawns. There is more moisture and annual weeds are killed by winter frosts. Be careful to plant early enough so that the roots will be established before hard frost might lift and break off the young roots.

GILBRO SPECIAL—This super mixture is composed of the finest bladed grasses and are selected on account of their great endurance. It will make a soft velvety lawn of uniform texture and appearance. All varieties in this mixture are acid-loving grasses, thus they respond rapidly with acid fertilizers which in turn reduce the weed menace. We have many reports from our customers, who are highly pleased with this mixture. It is adapted to shade or sun. If white clover is desired in the mixture please mention when ordering. This mixture contains 40% creeping bent, making it necessary to ask the following prices: **Postpaid. Lb. \$1.30. Not prepaid, 5 lbs. @ \$1.25 per lb.**

PACIFIC COAST LAWN MIXTURE—Climatic and soil conditions have much to do with the selection of varieties in lawn mixtures. This mixture is especially adapted to locations along the Coast and West of the Cascade Mountain range. It contains varieties which will respond in soils which are somewhat acid due to heavy winter rains. It is a very good mixture made from high grade grasses. It does not contain any rye grasses. It makes a hardy, fine-bladed turf well suited to the average soil. If white clover is desired in the mixture please specify when ordering. **Postpaid. Lb. \$1.00. Not prepaid, 5 lbs. @ 95c per lb.**

SWEET SOIL LAWN MIXTURE—We have become convinced of the advantage of having a high grade mixture of lawn grasses for soils that are sweet or rather alkaline. We offer here a good mixture of fine bladed grasses which will respond in this type of soil. We secure the best success where the grass varieties are suited to the climate and soil. **Postpaid. Lb. 95c. Not prepaid, 5 lbs. @ 90c per lb.**

CREEPING FESCUE—Rich, fine bladed foliage, making a splendid turf for shade or sun. Especially suited to sandy soils, banks, and terraces. One of our finest grasses. Many very fine lawns have been seeded with this alone and give splendid satisfaction. **Postpaid. Lb. 80c. Not prepaid, 5 lbs. @ 75c per lb.**

ASTORIA BENT (Blue Tag Grade)—

A native acclimated sort grown in Clatsop County, Oregon. Besides creeping on the surface of the soil it has jointed roots that creep under ground. It is the best bent grass for high, well-drained soils and is very resistant to drought. It is often found growing in almost pure sand. It makes a thick, close turf, with fine leaf blades. **Postpaid. Lb. \$1.40. Not prepaid, 5 lbs. or more @ \$1.35 per lb.**

SEASIDE BENT (Blue Tag Grade)—

A native, acclimated variety, largely grown in Coos County. It creeps on the surface of the ground. **Postpaid. Lb. \$1.55. Not prepaid, 5 lbs. @ \$1.50 per lb.**

KENTUCKY BLUE GLASS—A splendid general purpose grass for lawns, with hardy growth and fine, close turf. 24 lbs. per bushel grade. It does best on sweet soil. **Postpaid. Lb. 85c. Not prepaid, 5 lbs. @ 80c per lb.**

BLUE GRASS and WHITE CLOVER—Well proportioned mixture. **Postpaid. Lb. \$1.00. Not prepaid, 5 lbs. @ 95c per lb.**

RED TOP—Valuable for shade and low, wet ground. **Postpaid. Lb. 50c. Not prepaid, 5 lbs. @ 45c per lb.**

CHEWING'S FESCUE—Extensively used for lawns and golf courses. It makes a fine, close turf, very resistant to tramping. **Postpaid. Lb. 80c. Not prepaid, 5 lbs. @ 75c per lb.**

WHITE CLOVER—Often used for lawns. We offer a fancy grade of seed for this purpose. **Postpaid. Lb. \$1.00. Not prepaid, 5 lbs. @ 95c per lb.**

POA TRIVIALIS—Valuable lawn grass for shaded locations. In appearance it resembles Blue Grass. **Postpaid. Lb. \$1.60. Not prepaid, 5 lbs. @ \$1.55 per lb.**

ENGLISH RYE GRASS—Rather coarse for lawns, but is often used for large parks. It should be sown very thickly for such purposes. In locations where winter cold is so severe as to kill the grass this is used as an annual grass to provide a quick lawn. **Postpaid. Lb. 35c. Not prepaid, 5 lbs. @ 30c per lb.**

GILL'S ASTERS

(All Flower Seeds Postpaid)

† Marked are asters of the wilt-resistant strains.

We aim to supply the very best asters that can be grown or purchased, and the most up-to-date varieties and types will be found in our list. Asters are one of the best cut flowers that can be grown.

Sow seed in boxes inside or in frames, about February 25th to March 15th, and transplant during May. Splendid blooms can be obtained by planting the seed in the open about May 1.

†**PRINCESS BARBARA**—New. Full crested center with several rows of guard petals. A delicate orchid shade, a good florist color. **Pkt. 25c.**

†**PRINCESS ANNE**—Full crested center with several rows of guard petals. Peach blossom. **Pkt. 25c.**

†**PRINCESS BONNIE**—Same type as above. Beautiful salmon rose. **Pkt. 25c.**

†**PRINCESS MARSHA**—Same type as above. Rich cinnabar scarlet. **Pkt. 25c.**

†**PRINCESS TYPE MIXED**—**Pkt. 25c.**

†**EARLY GIANT PEACH BLOSSOM**—Opens white, flushes lavender pink. **Pkt. 15c.**

†**EARLY GIANT LIGHT BLUE**—Clear, rich light blue; extremely large flowered. **Pkt. 15c.**

SUPER GIANT EL MONTE—Deep glowing crimson; flowers large and fluffy. **Pkt. 15c.**

SUPER GIANT LOS ANGELES—Pure shell pink, fully double. Excellent cut flower. **Pkt. 15c.**

IMBRICATED POMPON—Mixed colors. **Pkt. 15c.**

GIANT MAMMOTH PAEONY FLOW-ERED—A superb florist strain. **MIXED. Pkt. 10c.**

†**EARLY BEAUTY MIXED**—Blooms with Crego type. **Pkt. 10c; 1/8 oz. 35c.**

†**LATE BEAUTY MIXED**—Blooms from September until frost. **Pkt. 10c; 1/8 oz. 35c.**

†**CALIFORNIA GIANTS**—Immense flowers, often 5" to 6" across. Vigorous habit and long stems with Crego type of bloom. **WHITE, PEACH BLOSSOM, LIGHT BLUE, DEEP ROSE, PURPLE and MIXED. Pkt. 10c; 1/8 oz. 35c.**

†**CALIFORNIA GIANT SINGLE**—Flowers 3" to 4" across on 18" to 24" stems. **MIXED. Pkt. 10c; 1/8 oz. 30c.**

†**GIANT CREGO**—Immense fluffy flowers averaging 4" to 5" across. The plants produce an abundance of large flowers on good stems. **SHELL PINK, ORCHID, WHITE, CRIMSON, AZURE BLUE, PEACH BLOSSOM, DEEP ROSE, DARK BLUE, ROYAL PURPLE and MIXED. Pkt. 10c; 1/8 oz. 30c.**

CALIFORNIA GIANT SUNSHINE—Blooms 4" to 5" across, having a single row of loose, outer petals with contrasting yellow, quill-like center disc. Plants 2' to 3' high. **MIXED. Pkt. 15c.**



Aster, Super Giant Los Angeles

†**HEART OF FRANCE**—A beautiful rich dark red, 1½' to 2' branching plants. **Pkt. 10c; 1/8 oz. 35c.**

GILL'S FANCY MIXED—A mixture of all colors in popular types. **Pkt. 10c; 1/4 oz. 35c.**

SPECIAL ASTER COLLECTION

We offer 10 packets of Asters, your choice of those priced at 10c; postpaid for 75c.

Perennial Aster

MICHAELMAS DAISY—Single, fall flowering; 2' to 3' tall. Very hardy. **MIXED. Pkt. 20c.**

Achillea

THE PEARL, p—Large clusters of small, double, pure white, everlasting flowers. **Pkt. 10c.**

Aconitum (Monkshood)

NAPELLUS, p—Spikes of curious shaped blue flowers. **Pkt. 15c.**

Adonis

FLOS, a—Small, brilliant scarlet flowers, easily grown for borders and cutting. **Pkt. 10c.**

African Daisy

Sow seed same as asters and plant in sunny location. They bloom all summer.

DOUBLE HYBRID MIXED, a—Double crested flowers 2" across, ranging in color from deep salmon orange to

AFRICAN DAISY—Continued

white. Blooms profusely until late fall. Colorful in any garden. **Pkt. 15c.**

AURANTIACA, a—Flowers 2½" to 3" across, of glossy orange. **Pkt. 10c.**

HYBRIDS MIXED, a—Shades of white, yellow, orange and salmon zoned with black disc. **Pkt. 10c.**

Ageratum

Annual, suitable for boxes, pots and borders.

MIDGET BLUE—Dwarf, 2" to 3"; fine foliage, covered with blue flowers. **Pkt. 15c.**

BLUE PERFECTION—Dwarf, deep blue. **Pkt. 10c.**

FAIRY PINK—Soft salmon rose pink, 5". **Pkt. 15c.**

WHITE—Dwarf. **Pkt. 15c.**

Alyssum

COMPACTUM VIOLET QUEEN, a—Deep rich violet. Neat habit, free flowering. **Pkt. 15c.**

LITTLE DORRIT, a—Miniature white. **Pkt. 10c.**

IMPROVED CARPET OF SNOW, a—Plants 2" high, massed with white blossoms. **Pkt. 10c.**

COMPACTUM YELLOW, a—Dwarf. **Pkt. 10c.**

LITTLE GEM, a—Dwarf, compact, 4" high with white blossoms. **Pkt. 10c;** ¼ oz. **40c.**

LILAC QUEEN, a—Dwarf-compact habit; flowers deep lavender. **Pkt. 10c;** ¼ oz. **40c.**

SAXATILE COMPACTUM, p—Grows 1' high, and makes a mass of small yellow flowers in May. Easy to grow. **Pkt. 10c.**

Amaranthus

Brilliant foliage annual, growing 3' to 5' high.

CAUDATUS—Blood red, drooping. **Pkt. 10c.**

Anagallis (Pimpernel)

COERULEA, a—Deep turquoise blue. Charming plants 8" to 10" high, covered with 5-petalled flowers, about 1" across. Effective as edgings. Must have full sun. **Pkt. 10c.**

Anemone

PULSATILLA, p—Purple shades, it blooms during April and May. **Pkt. 15c.**

ST. BRIGID, p—Wonderful range of colors in single, semi-double and double. **Pkt. 15c.**



Carnation, Giant Flowering—Page 36

Aquilegia (Columbine)

Start inside or in open and transplant.

BLUE SHADES, p—Long spurred. Vary from light blue, mid-blue, deep blue to the darkest purple. **Pkt. 25c.**

PINK SHADES, p—Long spurred. Sepals and spurs are a beautiful shade of soft pink in contrast to the cream-colored corolla. **Pkt. 25c.**

MRS. SCOTT ELLIOTT LONG SPURRED HYBRIDS, p—Excellent range of colors. **MIXED. Pkt. 15c.**

Anchusa

DROPMORE VARIETY, p—Rich gentian blue flowers in drooping sprays. Does well in dry areas with partial shade. Long blooming season. **Pkt. 10c.**

Arabis (Rock Cress)

ALPINA, p—A mass of white flowers very early in the spring. **Pkt. 10c.**

Arctotis (African Daisy)

GRANDIS, a—2' high. White petals with light lilac reverse; sky-blue eye with yellow halo. **Pkt. 10c.**

Armeria

FORMOSA HYBRIDS, p—For rockeries and borders. Compact plant with clover-like flowers in pink shades. **Pkt. 10c.**

Asparagus

PLUMOSUS, p—Fine greens for bouquets. Fern-like foliage, tender perennial, sow in pots. **Pkt. 15c.**

SPRENGERI, p—For baskets and window boxes. **Pkt. 15c.**

Aubrietia

(Rainbow Rock Cress)

LARGE FLOWERING HYBRIDS, p—Colorful rockery and border plants. Sow in June. Masses of rosy purple, blue and lilac blooms. **Pkt. 15c.**

Balsam

CAMELLIA FLOWERED MIXED, a—Double flowers. Grows 2' high. Plant in hot-bed in March; move after danger of frost. May also be planted in open. **Pkt. 10c.**

Beans, Scarlet Runner

A fine annual climber. **Pkt. 10c; ½ lb. 35c; lb. 60c.**

Bellis, or English Daisy

MONSTROSA DOUBLE—This giant type far excels the old type, being much larger. Mixed. **Pkt. 15c.**

MONSTROSA RED, p—Double red. **Pkt. 15c.**

MONSTROSA WHITE, p—It has double white flowers. **Pkt. 15c.**

Begonia (Tuberous)

DOUBLE CAMELLIA FLOWERED—One of the best strains. Individual flowers 5" to 8" in diameter; resemble camellias and roses in all forms and variations of color. **Pkt. 85c.**

(FIBROUS)

CHRISTMAS CHEER—Crimson scarlet. **Pkt. 50c.**

Bocconia (Plume Poppy)

CORDATA, p—3' cream colored spikes. **Pkt. 10c.**

Boltonia

LATISQUAMA, p—Large clusters of lilac pink, daisy-like flowers, blooming July to September. **Pkt. 10c.**

Brachycome

SWAN RIVER DAISY, a—9" high. Mixed. **Pkt. 10c.**

Browallia

FANCY MIXED, a—Blue and white petunia shaped flowers. **Pkt. 10c.**



Clarkia, Double Mixed—Page 37

Cactus Seed

MIXED—Perennial. Many varieties. **Pkt. 15c.**

Calendula, Pot Marigold

ANNUAL

ORANGE FANTASY—Crested, coppery orange, petals edged mahogany red. **Pkt. 10c.**

ORANGE SHAGGY—Rich orange; petals long and deeply fringed. **Pkt. 10c.**

CHRYSANTHA—Clear buttercup yellow. **Pkt. 10c.**

RADIO—Rich orange; large quilled flowers. **Pkt. 10c; ¼ oz. 20c; oz. 50c.**

ORANGE KING, FLORIST STRAIN—Large double flowers of orange red, with darker centers. **Pkt. 10c; ¼ oz. 20c; oz. 50c.**

DOUBLE MIXED—All colors. **Pkt. 10c.**

Calliopsis, Annual

Showy blooms all summer. Sow in April.

GOLDEN CROWN—Semi-double; yellow with maroon center. **Pkt. 10c.**

CHOICE SINGLE MIXED—**Pkt. 10c.**

DOUBLE MIXED—**Pkt. 10c.**

PLEASE NOTE, SYMBOLS

Symbols: a, Annual; p, Perennial;
bi, Biennial; A.A.S., All-American Selection;
", Inches; ', Feet.

California Poppy, Annual

Plant during spring, summer or fall. Fall seedlings bloom in the spring.

RAMONA—Coppery gold, frilled. Pkt. 10c.

GOLDEN WEST—Deep yellow, with orange center. Pkt. 10c.

GRANDIFLORA GIANTS MIXED—Pkt. 10c.

DOUBLE MIXED—Pkt. 10c.

Candytuft

Fall sowings flower in early spring; April sowings in June.

GIANT HYACINTH, a—A selected strain, producing 6 to 7 large, erect, white spikes. Pkt. 10c.

FLESH PINK, a—A new shade. Pkt. 10c.

LAVENDER, a—Soft rose lavender. Pkt. 10c.

CRIMSON, a—Rich deep shade. Pkt. 10c.

MIXED, a—All colors. Pkt. 10c.

PERENNIAL (Iberis)—Lilac rose. Pkt. 10c.

Canna Seed

MIXED, p—Plant inside in February; transplant after danger of frost. Canna seedlings are interesting to grow. Pkt. 25c.

Canary Bird Vine

A quick growing annual climber, bearing curiously cut yellow flowers with curved green spurs; vaguely resembling a canary. It is ideal for covering trellises, often reaching a height of 15'. Pkt. 15c.

Canterbury Bells

Plant in frame in early spring, or outdoors about June 1st. Cover seed lightly; putting paper over the surface until seed germinate.

ANNUAL MIXED—It will bloom in 6 months. Pkt. 10c.

CUP and SAUCER BELLS, bi—The largest type, with cup and saucer-like flowers. WHITE, LIGHT BLUE, DARK BLUE, ROSE and MIXED. Pkt. 10c.

SINGLE MIXED, bi—Bell-shaped. Pkt. 10c.

PYRAMIDALIS MIXED, p—Pkt. 10c.

PEACH BELLS, BLUE, p—Saucer-shaped flowers on tall spikes. Pkt. 10c.

Cardinal Climber

HYBRIDA, a—Graceful, quick growing. Covered all summer with fiery scarlet blooms. Pkt. 15c.



New Cosmos, Sensation Radiance—Page 37

Carnation

Perennial, blooming the first season.

GIANT FLOWERING—ROSE, FLESH, SCARLET, YELLOW, WHITE and MIXED. Pkt. 10c.

FLORIST'S MIXTURE—A special mixture from florist sorts. Can be used inside or out. Pkt. 15c.

ENGLISH GIANT MIXED—The most complete collection of colors, to include many rare shades, yet to be offered to the gardener. The blooms are surpassed in size only by the greenhouse type and if disbudded will closely approach that size. Pkt. 35c.

MARGUERITE MIXED—Pkt. 10c.

Castor Beans

RICINUS, a—Ornamental plants valuable for tropical effects. Use in large beds or borders along paths and drives. Pkt. 10c; oz. 25c; ¼ lb. 75c.

Catananche

CORULEA—A hardy perennial growing to 2'; bearing blue daisy-like heads from June to August, and grown as a garden subject and for its "everlasting" cut flowers known as Cupids Dart. Blooms first year from seed. Pkt. 10c.

Celosia

Sow inside in March, transplant or sow outside in May. Very free flowering.

FIRE FEATHER, a—Dwarf, compact plants, 15 to 20 branches, with bright red, silky plumes. **Pkt. 15c.**

EMPRESS (Cockscomb), a—Very wide crimson combs. **Pkt. 10c.**

PLUMOSA MIXED (Improved Feathered Type), a—3', pyramidal growth. **Pkt. 10c.**

Centaurea

ROYAL SWEET SULTAN, a—Beautiful sweet-scented, fine cut flowers. Sow early in spring. Finest mixed. **Pkt. 10c.**

WHITE LEAVED, p—(Dusty Miller.) **Pkt. 10c.**

Cerastium (Snow in Summer)

TOMENTOSUM, p—Dwarf with silver foliage and small white flowers. **Pkt. 15c.**

Chrysanthemum, Annual

SINGLE MIXED—Grows 2' high; blooms in mid-summer. White and yellow flowers; yellow to red zoned. **Pkt. 10c.**

DOUBLE MIXED—Yellow, white, etc. **Pkt. 10c.**

Cineraria, Biennial

Beautiful greenhouse, or indoor flower. easily grown from seed. High-grade mixture. **Pkt. 25c.**

Clarkia, Annual

Easily grown double flowers; 2', fine for cutting.

ALBA—White. **Pkt. 10c.**

MAY BLOSSOM—Deep pink. **Pkt. 10c.**

ORANGE KING—Rich orange. **Pkt. 10c.**

PURPLE PRINCE—Fine rich purple. **Pkt. 10c.**

SCARLET QUEEN—Orange scarlet. **Pkt. 10c.**

DOUBLE MIXED—All shades. **Pkt. 10c.**

Cleome (Spider Flower)

GIANT PINK QUEEN, a—A.A.S. '42. Hardy, 3' high; abundant blooms of salmon pink at top of spike, fading to flesh pink. For backgrounds or cutting. Blooms all season. **Pkt. 15c.**

Coreopsis

DOUBLE SUNBURST, p—Deep golden yellow. Excellent cut flower. **Pkt. 15c.**

LANCEOLATA GRANDIFLORA, p—Large, showy, bright yellow. **Pkt. 10c.**



Delphinium, Pacific Giants

Cosmos, Annual

Plant after danger of frost; blooms in the late fall.

SENSATION RADIANCE (New)—S.M., A.A.S. '48. Top award winner for 1948. A striking new color combination never before seen in Sensation Cosmos. Deep rose petals overlaid with large, well defined zone of rich crimson. **Pkt. 25c.**

SENSATION DAZZLER—A.A.S. '43. Large flowers of deep amaranth crimson, with petals fluted and slightly overlapping. Tall stems. **Pkt. 10c.**

SENSATION SINGLE MIXED—Large blooms in ten weeks. **Pkt. 10c.**

PEERLESS MIXED—New type. Produces a large 2" crested center; a double form of the Sensation type. **Pkt. 25c.**

KLONDYKE YELLOW—A.A.S. '42. Rich golden yellow; 3' to 4' tall; free blooming. Slightly later than Orange Flare. **Pkt. 15c.**

EARLY KLONDYKE ORANGE FLARE—Early; bright orange. **Pkt. 10c.**

EARLY DOUBLE CRESTED MIXED—Single outer row of large petals with full double center of short petals. **Pkt. 10c.**

MAMMOTH EARLY FLOWERING MIXED—Plant in open; blooms in 60 to 90 days. Flowers 4" to 5" across. **Pkt. 10c.**

Cornflower

(Bachelor's Button)

DWARF JUBILEE GEM, a — Compact plants; covered with large, double blue flowers. Splendid for borders and cutting. **Pkt. 10c.**

DOUBLE BLUE, RED, ROSE or MIXED, a — An excellent strain. **Pkt. 10c.**

Cuphea

FIREFLY, a — Blooms in 14 weeks. Compact plants, small, cerise red flowers. For rockery or border. **Pkt. 10c.**

Cyclamen

GIANT MIXED, p — A splendid mixture of brilliant and soft shades, grown from a highly selected strain. **Pkt. 35c.**

Cynoglossum

(Chinese Forget-Me-Not)

a — Sweet-scented blue. 2'. **Pkt. 10c.**

Dahlia Seed, Perennial

Start like Asters, transplanting about May 1st.

UNWIN'S IDEAL BEDDING MIXED — Miniature double and semi-double flowers on dwarf bushy plants. **Pkt. 25c.**

CHOICE MIXED — This mixture embraces many colors in different types. **Pkt. 20c.**

COLTNESS MIGNON MIXED — Dwarf single flowers, suited for bedding. Good cut flowers. **Pkt. 15c.**

DECORATIVE MIXED — Seed saved from choice varieties. **Pkt. 35c.**

DOUBLE CACTUS — Mixture from named sorts. **Pkt. 35c.**

SINGLE DAHLIA MIXED — **Pkt. 15c.**

Datura

WRIGHTI, a — Trumpet flowers, 6" long, 5" across; 2' to 3' high; white with purple sheen. **Pkt. 10c.**

Dianthus, Pinks

WESTWOOD BEAUTY, a — New all-America winner for 1946. Single flowers 1½ to 2¼ inches, lacinated. Various shades with red and white edges. Height almost 16 inches. **Pkt. 25c.**

DOUBLE DWARF CLOVE PINK MIXED, p — Early, compact, spicy clove scented. **Pkt. 10c.**

DOUBLE MIXED, a — 1' high. **Pkt. 10c.**

SINGLE MIXED, a — 1' high. **Pkt. 10c.**



Unwin Bedding Dahlias

Delphinium

(Perennial Larkspur)

PACIFIC GIANTS — Extremely large; 100% double. Practically mildew resistant. **WHITE and MIXED. Pkt. 35c.**

IMPROVED BELLADONNA (Special Strain) — Light blue, large flowered, strong grower. **Pkt. 15c.**

IMPROVED BELLAMOSUM (Special Strain) — Deep blue. Blooms 2½" across. **Pkt. 15c.**

PASTEL SHADES — Specially selected from large type. Very popular. **Pkt. 25c.**

DELPHINIUM MIXED — Tender perennial, blooming first year from seed. **Pkt. 25c.**

Digitalis, Foxglove

GLOXINIAEFLORE MIXED, bi — **Pkt. 10c.**

SHIRLEY MIXED, a — Giant strain. **Pkt. 10c.**

Didiscus, Lace Flower

COERULEUS, a — Branched plants 18" high. Clusters of tiny, lacy flowers. Exquisite light blue. **Pkt. 10c.**

Dierama

PENDULA, p — Reddish purple, bell shaped flowers on spikes 6" tall. Narrow sword-like leaves. Plant in full sun. **Pkt. 25c.**

Erigeron

FLEABANE, p—Large, handsome blue flowers, violet tinted and yellow centers. Bloom in June and July; fine for cutting. They should be planted in warm sandy soil in full sun. Easily grown from seed. **Pkt. 50c.**

Euphorbia

Annuals. Suitable for beds and borders.

VARIEGATA (Snow on the Mountain). Attractive green foliage, veined white; 2'. **Pkt. 10c.**

Four o'Clock

MIXED, a—Free flowering, does well anywhere. Very easy culture. **Pkt. 10c.**

Fuchsia

MIXED, p—Fine selection of double and single types. **Pkt. 20 seeds 35c.**

Gaillardia

INDIAN CHIEF, a—Single, bronze red. **Pkt. 10c.**

DAZZLER, p—Giant gold and maroon red. **Pkt. 10c.**

PORTOLA HYBRIDS, p—Bronzy red, gold-tipped. **Pkt. 10c.**

Geranium

ZONALE MIXED, p—A superb strain of the largest and finest. Start indoors. **Pkt. 25c.**

Gerbera (Transvaal Daisy)

JAMESONI HYBRIDS—Tender perennial. Large daisy-like blooms in yellow to red shades, on long stems. Sow seed singly, point up, cover lightly, water sparingly in hot-bed. Likes sun; protect from rain. **Pkt. 25 seeds 25c.**

Geum

MRS. BRADSHAW, p—Popular, semi-double flowers, 2" across, brilliant scarlet; fine cut flowers; easily grown. Blooms in June and July. **Pkt. 15c.**

LADY STRATHEDEN, p—Double yellow. **Pkt. 15c.**

Gilia

MICRANTHA, FAIRY STARS, a—Tiny, single star-like flowers in pastel shades; useful for borders and rockeries. **Pkt. 10c.**

Gomphrena

GLOBOSA MIXED, a—A genus of herbs with red, white and violet heads resembling those of clover—used for bedding and for cut flowers as well as for drying as everlasting, 18" tall. **Pkt. 10c.**



Gomphrena, Everlasting Flowers

Godetia

Free flowering annual, does best in rather poor soil. Easy growth and fine for cutting.

DWARF SINGLE VARIETIES

SYBIL SHERWOOD—Bright salmon pink, indefinite edging of white. **Pkt. 10c.**

DUKE OF YORK—Rich scarlet on white. **Pkt. 10c.**

MIXED—All shades. **Pkt. 10c.**

TALL DOUBLE VARIETIES

CARMINE IMPROVED—Deep red. **Pkt. 10c.**

ROSE—Deep rose. **Pkt. 10c.**

MIXED—Various shades. **Pkt. 10c.**

Gourds, Ornamental

ANNUAL

Easily grown; must be fully ripened.

SMALL WARTED MIXED—**Pkt. 10c;** ½ oz. 20c; oz. 35c.

SMALL MIXED—Main small sorts in mixture. **Pkt. 10c;** ½ oz. 20c; oz. 35c.

LARGE MIXED—Main large sorts in fine mixture. **Pkt. 10c;** ½ oz. 20c; oz. 35c.

Gypsophila (Baby's Breath)

PACIFICA, p—These rose-colored flowers bloom first season from seed. **Pkt. 15c.**

ELEGANS ALBA, a—Small white clusters for mixing with bouquets. **Pkt. 10c; oz. 30c.**

GYPSOPHILIA—Continued

PANICULATA, p—Single. **Pkt. 10c.**

PANICULATA DOUBLE, p—A large per cent come with double white flowers. **Pkt. 15c.**

Helianthemum (Sun Rose)

MUTABILE, p—Rock plant. **Pkt. 10c.**

Helichrysum

STRAW FLOWER MIXED, a—Fine everlasting flowers; bright colors for winter bouquets. **Pkt. 10c.**

Heliotrope

Start indoors, plant out in May.

MAMMOTH FLOWERED MIXED, a—**Pkt. 15c.**

Heuchera (Coral Bells)

SANGUINEA SPLENDENS, p—18" high. Coral-red flowers, blooming in July and August. **Pkt. 20c.**

Hibiscus, Marsh Mallow

MARVEL MIXED, p—Easily grown giant types; with flowers 3" to 5" in diameter. Blooms in September. **Pkt. 10c.**

Hollyhock

CHATER'S DOUBLE, p—Mixed. **Pkt. 10c.**

SINGLE MIXED, p—**Pkt. 10c.**

Incarvillea (Hardy Gloxinia)

GRANDIFLORA BREVIPES, p—Hardy on the west coast. Rose flowers on 2' stems. Blooms in June and July. **Pkt. 15c.**

Iris

JAPANESE MIXED, p—Blooms in 2 years. **Pkt. 15c.**

Jerusalem Cherry

Perennial, a small plant whose small globular scarlet and yellow fruit make it an attractive pot plant for the house. **Pkt. 25c.**

Kochia (Burning Bush)

Annual, symmetrical oval plants, 3' tall, resembling an ornamental evergreen. Fine for hedges. Turns deep red in late fall. **Pkt. 10c.**

Lantana

MIXED, a—Half hardy greenhouse or bedding plant. Verbena-like heads of orange, white, rose, etc. **Pkt. 15c.**



Gerbera or Transvaal Daisy—Page 39

Lathyrus

(Perennial Sweet Peas)

MIXED—Strong growing, hardy climber, easily started from seed. Fine for cutting. **Pkt. 15c.**

Lavender

VERA, p—Fragrant, hardy 3' plants. **Pkt. 15c.**

Lily

REGALE, p—Beautiful hardy lily. Large trumpet-shaped, sweet-scented flowers. Ivory white, tinged pink, with yellow throat. **Pkt. 15c; ¼ oz. 85c; oz. \$2.50.**

CALLA LILY, p—White. **Pkt. 25c.**

CALLA ALBA MACULATA, p—Dwarf white flower spathes with red blotched throat. Green, white spotted arrow-shaped leaves. 18" to 22" high. Semi-hardy. **Pkt. 25c.**

Linaria

HYBRIDA MIXED, a—Like a miniature snapdragon. Brilliant colors. **Pkt. 10c; ¼ oz. 35c.**

Linum (Flax)

Graceful in rockeries and borders.

BLUE FLAX, p—Blue, 2' **Pkt. 10c.**

FLAVUM, p—Golden yellow, 12". **Pkt. 15c.**

GRANDIFLORUM RUBRUM (Scarlet Flax), a—1½' high. **Pkt. 10c.**

Larkspur, Annual

2' to 3' high, splendid for beds or cutting. Plant September or early spring.

DOUBLE STOCK FLOWERED TYPE

LUSTROUS CARMINE—Carmine rose. Pkt. 10c.

ROSAMOND—Deep pure pink. Pkt. 10c.

GIANT IMPERIAL TYPE

BRILLIANT ROSE—Novelty for 1946. A deep salmon rose suffused brilliant-carmine. The large, round, fully double flowers are closely packed on long tapering spikes. Pkt. 15c.

PINK KING—Soft salmon rose. Pkt. 10c.

WHITE KING—Pure white. Pkt. 10c.

BLUE BELL—Azure blue. Pkt. 10c.

BLUE SPIRE—Large deep blue. Pkt. 10c.

EXQ. PINK IMPROVED—Soft pink. Pkt. 10c.

LILAC SPIRE—Soft lilac. Pkt. 10c.

PINK PERFECTION—Light pink. Pkt. 10c.

GIANT IMPERIAL MIXED—All colors. Pkt. 10c.



Larkspur, Giant Imperial Mixed

Lobelia, Annual

Used for pots, edges or hanging baskets.

CRYSTAL PALACE COMPACTA—Best dark blue. Dwarf compact plants. Pkt. 15c.

SAPPHIRE (Trailing)—Large, deep blue flowers with pure white eye. Pkt. 15c.

SPECIOSA—Dark blue flowers and dark foliage. Trailing. Pkt. 15c.

DWARF MIXED—All colors. Pkt. 10c.

Lunaria (Money Plant)

HONESTY, bi—Silvery, translucent, oval seed pods, prized for winter bouquets. It can be an annual if sown early. Pkt. 15c.

Lupin

RUSSELL'S BLUE SEAL (Originator's Strain), p—Pkt. 12 seeds 20c.

ANNUAL MIXED—Easily grown; spikes of pea-shaped blooms 2' high. Pkt. 10c.

PERENNIAL LUPIN—Hardy plants with 3' spikes blooming May and June. Mixed. Pkt. 10c.

Lychnis (Jerusalem Cross)

CHALCEDONICA, p—Easily grown, blooms first year with flaming scarlet flower heads. 3'. Pkt. 10c.

Marigold (Annual)

FLASH—A.A.S. '45. Single flowers in two-tones and bicolors ranging from golden yellow to maroon red; rich and flashing colors. Uniform and compact plants averaging 18" in height. Blooms profusely until frost. Ideal for borders. Pkt. 25c.

REAL GOLD—A.A.S. '45. Large golden orange flowers, fully double with ruffled and waved carnation-like petals. Blooms profusely. Stems long and sturdy. Pkt. 25c.

MAMMOTH MUM—A.A.S. '44. Large fluffy light sulphur-yellow blooms in true mum form. Stems long and sturdy. Pkt. 25c.

SUNKIST—A.A.S. '43. Dwarf French Harmony type. Rich, deep, golden orange. Early and free blooming. Pkt. 15c.

MISSION GIANT YELLOWSTONE—A.A.S. '42. Clear golden yellow blooms, 4" to 5" across, resembling an incurved chrysanthemum. Pkt. 15c.

MISSION GIANT GOLDSMITH—A.A.S. '41. Rich golden orange, incurved. Pkt. 15c.

BUTTERBALL—A.A.S. '42. Dwarf double French Harmony type. Covered with 2" blooms of soft butter yellow, lightly tipped with maroon. Pkt. 15c.

GIGANTEA POT O'GOLD—Neat flowers, growing 12" to 15", bearing 12 or more large blooms. Deep golden orange. Pkt. 15c.

SCARLET GLOW—A.A.S. '41. Double French variety. Bronzy-red blooms, on 12" stems. Pkt. 10c.

MARIGOLDS—Continued

SPRY—A.A.S. '41. Dwarf double French. Very early, 1½" blossoms with yellow crested centers and rows of mahogany guard petals. Pkt. 10c.

CHRYSANTHEMUM FLOWERED HYBRIDS—Shades of orange and yellow mixed. Pkt. 15c.

CROWN OF GOLD—Collarette type, odorless; orange. Pkt. 10c.

GIGANTEA SUNSET GIANTS—Fragrant flowers, shades of orange to light yellow, 3' to 4'. Pkt. 10c.

GUINEA GOLD—African. Brilliant double orange. Pkt. 10c.

DWARF DOUBLE HARMONY—French. Charming Scabiosa-like flowers; golden yellow bordered with a rich maroon red. Early, bushy plants for cutting or bedding. Pkt. 10c.

SIGNATA GOLDEN GEM—Dwarf single. Pkt. 10c.

LARGE AFRICAN—Double. LEMON, ORANGE, and MIXED. Pkt. 10c.

TALL FRENCH MIXED—Double. Pkt. 10c.

DWARF DOUBLE MIXED—Pkt. 10c.

DWARF AFRICAN MIXED—Double. Pkt. 10c.

Matricaria

CAPENSIS DOUBLE WHITE, p—2', splendid cut flowers. Pkt. 10c.

Matthiola

BICONIS, a—Night scented stock. A delightful free flowering dwarf plant. Small purple flowers are noted for their entrancing fragrance through the evening hours. Pkt. 10c.

Mignonette

Keep a succession by sowing in April and July.

DEFIANCE MIXED, a—Extra large spikes. 15" to 18" long, deliciously fragrant. Pkt. 10c.

Morning Glory (Annual)

PEARLY GATES—A.A.S. '42. Superb blossoms about 4½" across. Lustrous white, creamy shaded throat. Vigorous fast climbing vines. Pkt. 20c.

SCARLET O'HARA—Rich dark wine red color. Blooms in 65 days, prefers sandy soil. Pkt. 15c.

HEAVENLY BLUE—Climber. Pkt. 10c.

CLIMBING MIXED—Pkt. 10c.

Myosotis, Forget-Me-Not

ALPESTRIS BLUE, bi—Compact, upright growing. Easily grown. Pkt. 10c.

INDIGO BLUE, bi—Compact, deep blue, 6". Pkt. 15c.

EVERBLOOMING, bi—Blue. Pkt. 10c.



Marigold, Real Gold—Page 41

Nasturtium (Annual)

Sow in April, thin to 2" or 3".

DWARF VARIETIES

CHERRY ROSE—Gem type with double soft cherry-rose blossoms. Pkt. 15c.

SCARLET GLOBE—Double blossoms. Dark foliage, compact plants. Pkt. 15c; oz. 50c.

DOUBLE GEM MIXTURE—Compact plants with no runners; excellent for borders. Pkt. 15c; oz. 45c.

FINEST MIXED—All colors. Pkt. 10c; oz. 25c; ¼ lb. 90c.

TALL VARIETIES

DOUBLE MAHOGANY—Large, sweet-scented, dark mahogany red. Pkt. 15c; oz. 45c.

DOUBLE GOLDEN GLEAM—Large, sweet-scented yellow. Pkt. 10c; oz. 40c.

DOUBLE GLEAM HYBRIDS—Gorgeously colored, large, sweet-scented blooms. Pkt. 10c; oz. 45c.

CALIFORNIA GIANTS MIXED—All colors. Pkt. 10c; oz. 25c; ¼ lb. 90c.

Nemesia

LARGE FLOWERING MIXED, a—Suitable for cool places. 1' tall, orchid-like flowers in scarlet, rose, blue, orange, etc. Pkt. 10c.

Nemophila

Hardy annual. Easy culture. Useful for borders.

INSIGNIS BLUE (Baby Blue Eyes)—Pkt. 10c.

Nierembergia

PURPLE ROBE, p—A.A.S. '42. Dwarf, compact, very free flowering. Maintains a deep violet purple color. For edgings or rockeries. Pkt. 25c.

Nicotiana

FLOWERING TOBACCO, a — Finest mixed. All shades. Pkt. 10c.

Nigella (Love-in-a-mist)

MISS JEKYLL, a—Splendid cut variety; bright blue flowers. Free flowering. Pkt. 10c.

Pansies

Perennial. Sow early inside; outside in March; August for spring plants. Prices: Unless noted: Pkt. 25c.

BUTTERFLY HYBRIDS—New; a rainbow collection, abundantly ruffled, frilled, fluted, and marked with sun rays and blotches of butterfly sheen metallic jewel tones. Pkt. 100 seeds 50c.

ROGGLI'S GIANTS—An excellent range of color. Giant flowers on long sturdy stems. Compact plant.

CORONATION GOLD—Largest and best pure yellow.

GRAND DUKE MICHEAL—Largest all-white.

GOLDEN GATE—Golden yellow with dark blotch.

IMPROVED SEA BLUE—Best blue.

JUMBO MADAM STEELE—Giant velvety purple.

MLLE. IRENE—Henna red type, new to pansies.

***GILL'S MASTER MIXED**—This fine mixture includes all the giant type pansies.

***SWISS GIANTS**—Wonderful shades. Massive flowers on strong stems. Contains many red and bronze shades.

***GILL'S OREGON GIANTS**—A splendid mixture of giant flowers in a good range of colors. Pkt. 15c.

Impatiens

SULTANI (often called **Busy Bee** or **Busy Lizzy**)—Long a favorite house plant, it is easily raised from seed. It has waxy bright-rose colored flowers. Also makes an excellent border plant, forming a good bushy growth about 15" high and abundance of bloom. Pkt. 25c.

Passiflora Eudles (Passion Flower)

The annual flowers are of unusual structure. May be planted in pots or out in a border. They do well in fibrous loam with leafmold, and appreciate liquid manure when growth is active. Pkt. 25c.

Pentstemon

SENSATION, p—Gloxinia-like flowers on graceful 2' spikes. A wide range of bright colors. Not hardy, and should be covered in winter. Pkt. 15c.



Defiance Petunia—Page 44

Petunias (Annual)

COLOSSAL SHADES OF ROSE—Silver medal A.A.S. 1946. Giant all double flowers of American origin and the largest yet produced. The beautiful, intensely double blooms are often 5 inches across, appearing in rich rose shades, salmon-pink through rosy-pink to deep rosy-mauve. Vigorous plants 20 to 24 inches tall and bearing profusely over a long season. Pkt. 100 seeds \$1.00.

BRIGHT EYES—Bronze medal, A.A.S. 1946. A more compact type of Rosy Morn. Flowers of clear light rose-pink with white throat, carried well above the foliage. Uniform color and habit. 10-in. Pkt. 25c.

PEACH RED—Honorable mention, A.A.S. 1946. Full-bodied uniform pink, free from fading and vivid rich peach red. Shapely plants 12 inches tall and with a spread of 18 to 24 inches. Desirable for beds and borders. Pkt. 25c.

CHEERFUL—A.A.S. '44. New dwarf bedding petunias. Flowers grow 2¾ in. and more across. Color varying, according to age, from clear salmon-pink to softer, lighter shades of salmon. Plants are of a new habit of growth, being low, spreading close to ground, and later forming a dwarf mound 10 in. high and as much as 2 ft. across; ideal for bedding and wide borders. Lovely for cutting. Pkt. 25c.

GLAMOUR—A.A.S. '42. Luscious salmon rose, delicately veined brown in the creamy shallow throat. Plants 1½' tall. Pkt. 25c.

PETUNIAS—Continued

RADIANCE—A.A.S. '41. Rich cerise rose with golden yellow throat below the flare. Bears large flowers and blooms very profusely. **Pkt. 25c.**

RUFFLED DOUBLE GIANTS—Only a portion come double, but are well worth while. Those plants showing the weakest vitality in starting make the best flowers. **Pkt. 35c.**

CREAM STAR—A.A.S. '40. Dwarf bushy habit with soft creamy white blooms. **Pkt. 25c.**

HOLLYWOOD STAR—Star shaped blooms of rich rose with amber throat. **Pkt. 15c.**

FLAMING VELVET—Brilliant mahogany-red with velvety sheen; plants are covered with many large flowers all season. **Pkt. 10c.**

WHITE BEAUTY—Plants are semi-dwarf and free flowering. Medium sized, single, fringed, pure white. **Pkt. 25c.**

DEFIANCE LARGEST FLOWERING—Flowers often 5" wide, fringed, with open throats. Desirable colors. **Pkt. 25c.**

ELK'S PRIDE—Immense single; black purple, strong, vigorous grower; very popular. **Pkt. 25c.**

NANA COMPACTA—This miniature petunia, 5" to 6" high, is recommended for borders and rock gardens. **ROSE GEM** and **MIXED**. **Pkt. 15c each.**

BALCONY—**MIXED**. **Pkt. 10c.**

SILVER BLUE (Heavenly Blue) — **Pkt. 10c.**

ROSE OF HEAVEN—Brilliant rose. **Pkt. 10c.**

ROSY MORN—Rose, white throat. **Pkt. 15c.**

BLOOD RED—**Pkt. 10c.**

MIXED—**Pkt. 10c.**

Phacelia

CAMPANULARIA, a—Suitable for rockeries and edgings. Intense gentian blue with conspicuous white anthers. **Pkt. 10c.**

Portulaca (Sun Plant)

For beds, edgings or rockeries.

SINGLE MIXED, a—All colors. **Pkt. 15c.**

DOUBLE MIXED, a—Extra select. **Pkt. 15c.**

Potentilla

Hardy perennials of easy culture often used in rock gardens. Single, blooms in unusual colors of pink, salmon and deep rose tones. **MIXED**. **Pkt. 20c.**



Salpiglossis, Large Flowering Mixed—Page 45

Poppies

Sow in fall or early spring.

DOUBLE SHIRLEY (Begonia Flowered) a—Lovely, satiny flowers; finely cut foliage. **PINK** and **MIXED**. **Pkt. 10c.**

ICELAND SINGLE MIXED, p—Splendid. **Pkt. 15c.**

ORIENTAL POPPIES

Produce splendid cut flowers.

ORIENTAL, p—Large, orange scarlet, with black blotch on each petal. **Pkt. 10c.**

PRINCESS VICTORIA LOUISE, p—Large, soft salmon-rose. **Pkt. 15c.**

OREGON SUPREME MIXED, p—From the finest named sorts of our own growing. Over 30 varieties in mixture. **Pkt. 20c.**

Primrose, Hardy

GIANT POLYANTHUS, p—Large, thick round clusters of orange, purple and crimson flowers. Extra fine colossal strain. **Veris Mixed**. **Pkt. 35c.**

ACAULIS BLUE, p—Rich blue. **Pkt. 50c.**

LUTEA, p—Sulphur yellow. **Pkt. 25c.**

VERIS, POLYANTHUS, p—Mahogany red. **Pkt. 35c.**

JAPONICA MIXED, p—Clusters of bright colors. **Pkt. 25c.**

AURICULA MIXED—A favorite variety; 6 inches tall. Yellow, brown, red in mixture. **Pkt. 25c.**

Pyrethrum

HYBRIDUM MIXED, p—Large, single daisy-like flowers in pink, red and white. Pkt. 15c.

DOUBLE MIXED, p—Pkt. 25c.

Ranunculus

MAMMOTH DOUBLE MIXED, p—Yellow, orange and red tones. Compact plants. Double and semi-double flowers. Very attractive in hardy border in early Summer. Seed may require from 3 to 6 weeks to germinate and soil must not be permitted to dry out. Pkt. 35c.

Rudbeckia

HIRTA AUTUMN TINTS, a—Bronze shades; petals stand out, do not droop; grow 3' tall. Pkt. 15c.

Phlox

Massing, beds, borders; sow indoors or outside.

RED GLORY, a—A.A.S. '42. Gigantea type. Brilliant red, with creamy white eye. Pkt. 20c.

MAMMOTH FLOWERING, a—Drummond type. ROSE and MIXED. Pkt. 15c.

DECUSSATA—(Perennial). Varieties mixed, 3' high. For best results plant in fall, germinating in the spring. Pkt. 25c.

Salpiglossis

Plant in open in May

DWARF GIANT FLOWERING MIXED, a—Averaging 18" to 20" tall; compact branching habit. Showy, trumpet shaped flowers in rich color tones and velvety texture. Flowers larger than the regular strain. Pkt. 10c.

LARGE FLOWERING, a—2' to 3'. MIXED. Pkt. 10c.

Salvia (Flowering Sage)

Sow indoors in March, plant out in May.

BONFIRE, a—Dark green foliage; erect, globular growth with scarlet-red flowers. Pkt. 15c; 1/8 oz. 80c; 1/4 oz. \$1.50.

PATENS, a—Intense blue. Pkt. 20c.

SPLENDENS, a—Bright scarlet, 3'. Pkt. 15c; 1/8 oz. 65c; 1/4 oz. \$1.25.

AZUREA, p—Sky blue. Pkt. 20c.

Sanvitalia (Trailing Zinnia)

Golden yellow with dark purple centers. Annual, blooms from June till frost. Pkt. 10c.

Schizanthus

(BUTTERFLY OR FRINGE FLOWER)

GIANT FLOWERED HYBRIDS, a—Quick growing, especially good for shade. Mixed. Pkt. 15c.



Snapdragon, Tetra Mixed—Page 46

Scabiosa

OR MOURNING BRIDE

Sow outside after danger of frost.

IMPERIAL GIANTS, BLUE MOON, a—Large, double beehive shaped flowers. Deep lavender-blue, 4' tall. Excellent cut flowers. Pkt. 15c.

ROSETTE, a—Extra large flowers, long stiff stems. Deep rose suffused salmon. Pkt. 15c.

AZURE FAIRY, a—Double pale blue. Pkt. 10c.

KING OF THE BLACKS, a—Reddish black. Pkt. 10c.

PEACH BLOSSOM, a—Large, soft pink. Pkt. 10c.

SHASTA, a—Giant, pure white. Pkt. 10c.

GIANT FLOWERED HYBRIDS, MIXED, a—Large, ball shaped flowers. Pkt. 10c.

CAUCASICA LILAC, p—Hardy, 3'. Pkt. 15c.

Shasta Daisy

(CHRYSANTHEMUM)

GIANT DOUBLE SHASTA DAISY, p—A new type. Large flowers that look like shaggy white asters. Extra long stems. As this is a new type, a few single flowers may show. Pkt. 25c.

ALASKA, p—The popular evergreen, with single glistening, white flowers often 5" across. Pkt. 10c.

Snapdragon, Annual

(Rust Proof Maximum Type)

For early flowers sow in the fall, setting out in the spring, or grow the plants in spring in hot beds. **Prices: Unless noted. Pkt. 15c.**

ALASKA—Large pure white.

APPLE BLOSSOM—Light rose-pink, white tube.

INDIAN SUMMER—Coppery orange scarlet.

CAMPFIRE—Bright scarlet with yellow lip.

YELLOW GIANT—Canary yellow, white tube.

LOVELINESS—Pure soft rose-pink.

RED CROSS—Deep crimson with pure white tube. Striking contrast.

SALMON PINK SHADES—All shades of salmon.

MAXIMUM MIXED—Giant flowers closely set on tall spikes. **Pkt. 10c; 1/16 oz. 40c.**

Tetra Snaps, Annual

Giant Ruffled Tetraploid Snapdragons

The largest flowered of all Snapdragons. Many distinctly and attractively ruffled. Flowers of heavy substance which adds to their keeping value. **MIXED. Pkt. 25c; 1/16 oz. \$2.00.**

Statice (Everlasting)

ANNUAL MIXED—Easy culture. **Pkt. 10c.**

PERENNIAL BLUE—12". **Pkt. 10c.**

PERENNIAL LILAC—30". **Pkt. 10c.**

SUWOROWI or RUSSIAN RAT TAIL, a—Interesting and artistic, slender spikes of rose-pink. May be grown in greenhouse or garden. 30" high. **Pkt. 10c.**

Sweet Rocket

SWEET ROCKET (Matronalis Mixed), p—3' tall, fragrant spikes of blooms for May cutting. **Pkt. 10c.**

Sweet William (Biennial)

NEWPORT PINK—Salmon rose. **Pkt. 10c.**

SCARLET BEAUTY—Large clusters of deep scarlet. Very popular. **Pkt. 10c.**

HOMELAND—Giant blooms in immense clusters; deep crimson with white eye. **Pkt. 10c.**

NEW MAMMOTH MIXED—Gigantic strain. Single flowers in a great range of color. **Pkt. 10c.**

DOUBLE MIXED—Select strain. **Pkt. 20c.**



Stocks, Double Early Giant Imperial

Stocks, Annual

Easily grown from seed.

GIANT DEEP ROSE—Double, non-branching strain, especially good for florists. Height 2' to 2½'. **Pkt. 15c.**

IMPROVED LARGE FLOWERING TEN WEEKS—Dwarf, compact, branching, fine for bedding. Height 12". **MIXED. Pkt. 10c.**

DOUBLE EARLY GIANT IMPERIAL—(Imperial Bismark.) Height 25".

BUTTERCUP—Rich yellow. **Pkt. 15c.**

ELK'S PRIDE—Royal purple. **Pkt. 15c.**

GOLDEN ROSE—Light golden rose. **Pkt. 15c.**

SANTA MARIA—Giant pure white. **Pkt. 15c.**

GIANT IMPERIAL MIXED—**Pkt. 10c.**

CUT AND COME AGAIN STOCKS—(Double Perpetual Branching). Height 20".

BRILLIANT—Blood red. **Pkt. 15c.**

HEATHEN BEAUTY—Golden rose. **Pkt. 15c.**

SAPPHIRE—Violet. **Pkt. 15c.**

GIANT PERPETUAL MIXED—**Pkt. 10c.**

Trillium

A genus of hardy perennial plants of the Lily Family, having short, thick rootstocks, leaves in threes, and three-parted flowers that may be white, pinkish, violet or greenish. Grows well in shade or semi-shade in moist soil rich in humus. **Pkt. 25c.**

SPENCER SWEET PEAS

WE OFFER THE LARGEST SELECTION OF SWEET PEAS IN THE NORTHWEST
All Sweet Pea seeds treated with ROOTONE

Their easy culture, freedom of bloom, artistic appearance and delightful fragrance, combined with their splendid cut-flower qualities make them one of the most desirable flowers for the public.

Spring sowings should be made as early in the spring as soil conditions permit. Here in the Coast regions they can often be planted in February. They can also be planted in November and with this method they will bloom very early in the spring; in fact, are usually in bloom Decoration Day.

NEW CUTHBERTSON SPENCER

Improved Spring Flowering Spencers.

This new race of heat resistant Sweet Peas is also outstanding for vigor and extra large flowers. They have long, strong stems.

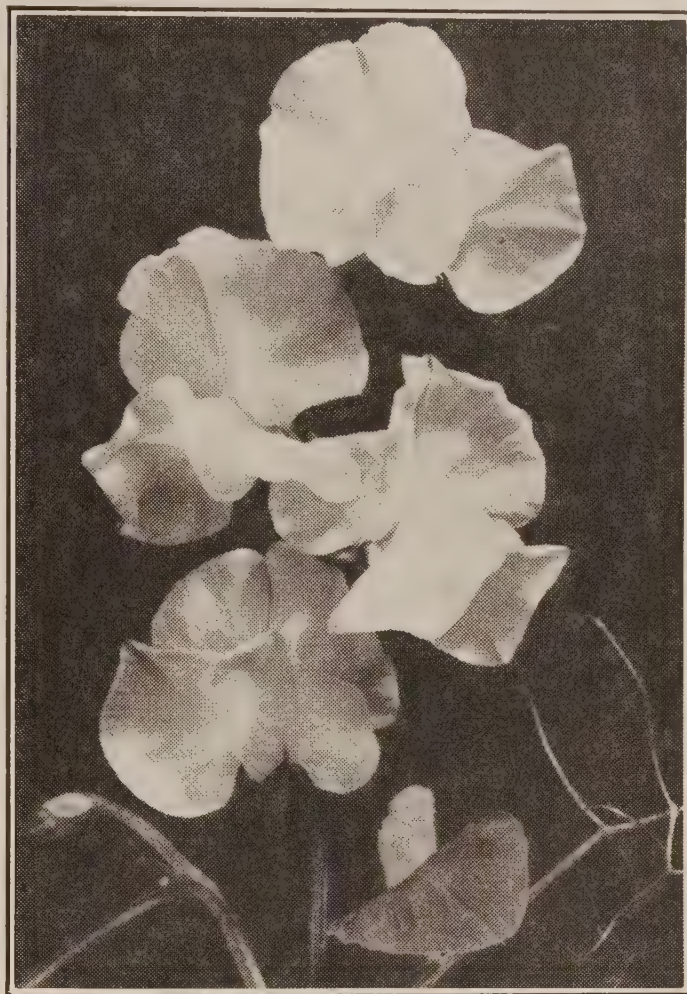
Prices are Uniform: Pkt. 10c; ½ oz. 35c; oz. 65c; ¼ lb. \$2.25.

CAROL—Clear pink.
COLINE—Scarlet.
DAVID—Bright rose crimson.
EVELYN—Salmon cream pink.
FRANK G—Lavender.
JESSIE—Mauve.
JANET—White, black seeded.
KENNETH—Crimson.
KATIE—Rose cream pink.
LOIS—Rose pink.
MARIAN—Cream, black seeded.
TOMMY—Blue.
MIXED—A blend of all shades.

Giant Flowering Spencer

PRICES—Unless noted are uniformly:
Pkt. 10c; oz. 35c; ¼ lb. \$1.00; lb. \$3.50.

AVALANCHE—Giant white.
BONNY BRIAR—Large rose pink.
CHEERIO—Begonia rose suffused with gold.
CHIEFTAIN—Large, satiny mauve.
ECSTASY—Blush pink.
FLAMINGO—Orange scarlet. Extra fine.
GIGANTEA—Pure white.
GLENEAGLES—Immense pale blue lavender.
GLORIA—Giant cream; picotee edge of rose.
LADY MACBETH—Dazzling red.
GRAND SLAM—Scarlet cerise.
MARY PICKFORD—Cream pink suffused salmon.
MASTERCREAM—Large black seeded cream.
MELODY—Golden salmon-pink on cream.
MISS CALIFORNIA—Giant salmon pink.
PINKIE—Large rose-pink.
POWERSCOURT—Mammoth, pure lavender.
PROLIFIC (Multiflora)—Warm rose-pink.
WINDSOR BLUE—Large flowered and heavy stemmed; clear mid-blue.
QUINTUPLETS (Multiflora)—American Beauty rose. A splendid variety. Pkt. 15c; oz. 50c.



Cuthbertson Sweet Peas, Janet

GIANT FLOWERING SPENCER—Continued

RED SUPREME—Bright red.
SERENADE—Large, waved, medium salmon.
SWEET AFTON—Deep silvery pink.
THE SULTAN—Large, black, velvety.
WELCOME—Brilliant scarlet. Grand.

Giant Ruffled Spencer

Flowers are duplexed, heavily ruffled and frilled.

PRICES—Unless noted are uniformly:
Pkt. 10c; ½ oz. 30c; oz. 50c.

RUFFLED BLUE—Large clear blue.
BONNIE RUFFLES—Salmon pink on cream.
RUFFLED CARMINE—Carmine rose.
RUFFLED CRIMSON—Rich crimson.
RUFFLED EXQUISITE—Salmon-cerise with four large flowers on long strong stems.
RUFFLED ORCHID—Soft orchid.
RUFFLED PINK—Deep rose-pink on cream, becoming lighter toward the base.
RUFFLED PRIMROSE—Rich cream.
RUFFLED PURPLE—Rich purple.
ROYAL RUFFLES—Scarlet-cerise.
RUFFLED MIXED—An excellent mixture.

Early Flowering Spencer

These bloom two weeks ahead of the regular Spencer. Valuable for greenhouse forcing, also outside planting.

PRICES—Unless noted are uniformly: Pkt. 15c; ½ oz. 30c; oz. 50c; ¼ lb. \$1.75; lb. \$6.00.

WAVES (Novelty for 1946)—Tops in vigor, size, ruffling, with a most pleasing and attractive over-all mid-blue color. Pkt. 25c.

BOON—Deep salmon pink.

DAPHNE—Soft salmon-pink on cream.

FLORIST BLUE—Clear blue.

FRAGRANCE—Clear lavender self.

GARDENIA—Dense paper white.

SEQUOIA—Rich golden cerise.

SHIRLEY TEMPLE—Beautiful soft rose pink.

SUSANNA—Deep crimson.

TREASURE ISLAND—Sparkling golden orange.

EARLY SUPER MIXED—A very fine mixture. Pkt. 10c; oz. 40c; ¼ lb. \$1.25; lb. \$4.25.

Mixed Sweet Peas

SHOW GROUND MIXTURE—A remarkable mixture saved from trial grounds, being made up from a long list of new and standard named Spencers. Pkt. 10c; oz. 30c; ¼ lb. 90c; lb. \$3.00.

GILL'S PROGRESSIVE MIXED—This Spencer mixture contains a splendid assortment of colors both light and heavy shades, and gives fine satisfaction. Pkt. 10c; oz. 20c; ¼ lb. 65c; lb. \$2.00.

CUPID (Dwarf)—Useful for borders and edgings. Pkt. 10c; oz. 35c.

Virginia Stock

DWARF MIXED, a—Small red, rose, and white blooms. Plants 6" to 8" tall, excellent borders. Pkt. 10c.

Stokesia

CYANEA BLUE, p—Fine cut flowers; 2'. Pkt. 10c.

Sunflower

SUN GOLD, a—New. Brilliant golden yellow blooms, 4" to 5". Plants 4' to 5' tall. Colorful for backgrounds. Pkt. 10c.

CHRYSANTHEMUM, a—Double, golden yellow; immense blooms on strong, tall stalks. Pkt. 10c.

RED, a—Color varies from yellow to red. Pkt. 10c.

PERENNIAL MIXED—Large, single. Pkt. 10c.

Thalictrum (Meadow Rue)

DIPTEROCARPUM, p—Lilac-mauve with yellow anthers. 4' tall. Pkt. 10c.



New Sweet Pea, Waves

Thunbergia

BLACK EYED SUSAN

FINEST MIXED, a—Rapid climber, preferring a warm place; useful for hanging baskets, vases, fences. Buff, white, and orange, with dark eyes; 5'. Pkt. 10c; ¼ oz. 50c.

Tigrida

MIXED, p—Mexican Shell Flower) —Large triangular shaped flowers of bright colors. Pkt. 20c.

Tithonia (Mexican Sunflower)

SPECIOSA, a—Single, orange, 6' tall. Pkt. 10c.

Tritoma (Red Hot Poker)

PFITZER'S HYBRIDS, p—Easily grown, 4' to 5' tall. Brilliant red. Pkt. 15c.

Tunica

SAXIFRAGA, p—A pretty tufted plant with light rose flowers. Used for rockeries or borders. Pkt. 15c.

Trollius

Globe Flower, p—Globe flowers of unique character, of bright orange or yellow, and finely cut leaves, making this a desirable subject for moist, lightly shaded locations or pool sides. Best to sow in fall as the seed needs freezing to germinate. Seeds germinate very slowly and unevenly. Pkt. 50c.

Verbenas, Annual

Giant Hybrida Strain — **PRICES:** Unless noted: Pkt. 10c.

BRIGHTNESS — Rosy cerise scarlet; white eye.

LAVENDER GLORY — Lavender, cream eye.

LUCIFER — Brilliant scarlet self.

LUMINOSA — Flame pink to salmon.

MAMMOTH STRAIN MIXTURE — Excellent large flowers.

Venidium

FASTUOSUM HYBRIDS, a — Daisy-like flowers, shades from white to salmon. 22" to 3' tall; likes sun. **MIXED.** Pkt. 15c.

Viola Cornuta (Tufted Pansies)

JERSEY GEM, p — Violet blue. Pkt. 25c.

ARKWRIGHT RUBY, p — Dark crimson scarlet. Pkt. 15c.

LUTEA SPLENDENS, p — Chrome-yellow. Pkt. 10c.

CHANTREYLAND, p — Best pure apricot. Pkt. 15c.

TUFTED PANSIES MIXED, p — Pkt. 10c.

Viscaria

BRILLIANT MIXED, a — Small single flowers of red, white and blue shades. Attractive borders, blooming all summer. Pkt. 10c.

Wallflower

Half hardy, blooms early in spring. Easily grown.

MAMMOTH DOUBLE MIXED, p — Giant flowers. A large percentage come double. Pkt. 15c.

PERENNIAL SINGLE MIXED — Pkt. 15c.

DOUBLE EARLY WONDER MIXED, a — Blooms in 90 days. Pkt. 10c.

SINGLE ANNUAL MIXED — Pkt. 10c.

SIBERIAN, bi — 12" high with bright orange flowers. Pkt. 10c.

Wild Flower Garden

A mixture of many wild flower seeds which gives splendid results on banks and roadsides. This mixture contains annual and perennial flowers of easy culture. Pkt. 15c; ½ oz. 50c; oz. 85c.

Rock Garden Mixture

ANNUAL MIXTURE — Pkt. 25c.

PERENNIAL MIXTURE — Pkt. 35c.



Zinnia, Elegans Pumila

ZINNIAS

These old-fashioned flowers have been highly improved and the new giant sorts are popular. Blooms 5" to 6" across are very common. Best results are obtained by planting where you wish them to grow. This is far better than transplanting, except for early blooms. Plant seed outdoors May 1 to June 15.

Mammoth Dahlia Type

Improved double Zinnias, gigantic size.

PRICES — Unless noted: Pkt. 10c; ⅛ oz. 35c; ¼ oz. 50c.

CANARY BIRD — Rich canary yellow.

CRIMSON MONARCH — Largest and best red shade; often 8" across.

DREAM — Deep lavender turning to mellow purple.

ELDORADO — Large salmon apricot.

EXQUISITE — Light rose with deep rose center.

METEOR — Rich, glowing red.

OLD ROSE — Real old rose shade.

ORIOLE — Beautiful orange and gold bicolor.

POLAR BEAR — Large creamy white.

SCARLET FLAME — Large, bright scarlet with blending of orange throughout the petals.

MAMMOTH DAHLIA MIXED — A fine blending of colors. Pkt. 10c; ⅛ oz. 25c; ¼ oz. 45c; ½ oz. 85c.

SEE OTHER ZINNIAS NEXT PAGE

California Giants or Monster Type Zinnias

This type has rare and striking colors.

PRICES — Unless noted: Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c.

CERISE QUEEN—Cerise rose.

DAFFODIL IMPROVED — Canary yellow.

GOLDEN QUEEN—Golden yellow.

GRENADIER—Bright red.

MISS WILMOTT—Giant, soft pink.

ORANGE KING — Color of Orange King Calendula.

PURITY—Giant pure white.

ROSE QUEEN — Opens bright rose with deeper center but develops into a warm, deep rose.

MONSTER MIXED—All shades mixed.

Fantasy Type Zinnias

Shaggy, medium sized double flowers. Excellent for cutting. Bloom profusely.

WILDFIRE—Dazzling scarlet. Pkt. 15c.

WHITE LIGHT—Pure white. Pkt. 10c.

STAR DUST—Rich golden yellow. Pkt. 10c.

FANTASY MIXED — Bright colors. Pkt. 10c.

Bedding Zinnias

PRICES: Unless noted. Pkt. 10c.

SCABIOSA FLOWERED MIXED — Medium sized blooms, resembling the Scabiosa.

GAILLARDIA FLOWERED MIXED (Navajo) — Two toned with a ring of deeper color in center.

HAAGEANA DOUBLE HYBRIDS — Small Mexican type. Attractive color mixture.

LINEARIS — Dwarf. Single, orange flowers with yellow stripe and dark center.

LILLIPUT TOM THUMB — This mixture is from the most dwarf Zinnia known. Fine for borders.

LILLIPUT DOUBLE—Miniature flowers about the size of a daisy; excellent for borders. **Canary Yellow, Crimson Gem, Golden Gem, Lilac Gem, Rosebud, Salmon Rose, White Gem, and Mixed.** Pkt. 10c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.

Elegans Pumila Zinnias

This type is between the Giants and Lilliputs in size. Double flowers highly prized for cutting, borders and massing in the garden. **Golden Orange, Salmon Rose, Scarlet, Crimson.** Pkt. 10c; $\frac{1}{8}$ oz. 35c.

ELEGANS PUMILA MIXED — Pkt. 10c; $\frac{1}{8}$ oz. 25c.

BULBS FOR SPRING PLANTING

Many of these bulbs are also suited for Fall planting, especially in the localities of mild winters. Our culture bulletin on bulbs will be sent, upon request, and will be included with all orders from this section. We recommend that you order early. **All Prices Postpaid.**

Amaryllis

CALIFORNIA HYBRIDS—A fine strain of large Amaryllis Hybrids. The bulbs can be potted January to May and flower freely indoors. They can also be grown in the garden and be taken up and stored like Gladioli. A good range of colors in mixture. Large bulbs. **Each 75c; 3 for \$2.00; doz. \$7.50. Postpaid.**

HARDY AMARYLLIS BELLADONNA —Throughout the spring months they produce attractive green foliage which dies down in July. A month later the flower stalks spring out of the ground to a height of 2 to 3 feet with umbels of lily shaped flowers 8 to 12 in number and of delicate lilac pink color. Large bulbs. **Each 50c; 3 for \$1.35; doz. \$5.00.**

Bleeding Hearts

SPECTABILIS — The popular hardy perennial and of easiest culture. Long racemes of graceful heart shaped flowers. Will do well in shade or sun. Root divisions. **Each 75c; 3 for \$2.10. Postpaid.**

Agapanthus

(Blue Lily of the Nile)

They produce large umbels containing 100 up to 150 buds and blooms all at once, blooming in July and August. The ever-green foliage resembles that of the amaryllis and the flower stems stand sturdy as high as 4 feet. Hardy along the coast and throughout California except in high elevations. In other sections it is best to cover them during winter. Large, single divisions available January to April. **Each 45c; 3 for \$1.20; doz. \$4.00. Postpaid.**

Gloxinias

These brilliantly colored flowers are easily grown inside. One of the easiest pot plants to grow. Their gorgeous, velvety flowers last in bloom for months. Plant from February to May, placing one bulb in a 5-inch pot. Cover bulbs about one inch and water sparingly. Set pot in a warm sunny window. Offered in mixture. Available in February and March. **Each 45c; 3 for \$1.20. Postpaid.**

Begonias

Tuberous-Rooted

They begin blooming in July and are very valuable for summer flowers in shady places. They produce huge flowers in a great range of pastel and bright colors. The enormous blooms, often 4 inches and more across, are held above the broad, attractive foliage. They may be grown in pots inside or started in pots and planted outside. Cultural directions will be sent with each order. Ready January to March. Not more than 3 kinds at dozen rate.

SINGLE—This type produces the largest flowers, often 10 inches across. Offered in **Rose, Red, Yellow, Salmon and Mixed**. Each 25c; 3 for 70c; doz. \$2.50.

DOUBLE CAMELLIA—Giant double flowers, beautifully frilled and fringed on the outer edges. Offered in the following colors in large flowering sized bulbs. **White, Rose, Scarlet, Red, Pink, Yellow, Orange, Salmon, Apricot, and Mixed**. Each 25c; 3 for 70c; doz. \$2.50. Postpaid.

CARNATION OR DOUBLE FRILLED—Large double flowers resembling a carnation in form. The petals are frilled and have serrated edges. Offered in **Scarlet, Red, Yellow, Pink, Orange and Mixed**. Each 25c; 3 for 70c; doz. \$2.50. Postpaid.

HANGING BASKET TYPE—Double blooms, often 100 flowers to a plant. Offered in **Rose, Red, Orange, Yellow, Pink and Mixed**. Each 25c; 3 for 70c; doz. \$2.50. Postpaid.

PICOTEE DOUBLE—Camellia type blossoms with edges of each petal in a different shade. In mixture only. Each 30c; 3 for 80c; doz. \$3.00.

RED TRIUMPH—A very large, ruffled camellia type with velvety texture. Each 60c; 3 for \$1.60.

ROSE DAWN—Large, ruffled flowers of rose pink resembling a full blown rose. Each 60c; 3 for \$1.60.

Calla Lilies

Hardy outdoors along the Coast of Oregon, Washington, also in the milder sections of California. Plant 4 inches deep and 2 feet apart. Available January to April. Can be started inside and planted outside in May.

WHITE CALLA—Strong, vigorous grower with flower stems 3 to 5 feet high. Large roots. Each 50c; 3 for \$1.40; doz. \$5.00. Postpaid.

YELLOW CALLA—Flowers bright yellow, foliage deep green, spotted white. Plant 1 to 2 inches deep. Large roots. Each 55c; 3 for \$1.50; doz. \$5.50. Postpaid.

PINK CALLA—Medium sized flowers of rose pink shading to cerise when fully open. Height 10 inches. Each 60c; 3 for \$1.65. Postpaid.



Regale Lilies

Colchicum

OR AUTUMN CROCUS

A very unusual flower which blooms a few weeks after planting, blooming without foliage. They will also bloom on a shelf or table without water or soil. Flowers shaped somewhat like Crocus but larger and bloom before the foliage appears. It is sometimes called the Autumn Crocus. Available the latter part of July and during August. Please place your orders early so they can be shipped at the correct time.

AUTUMNNALE—Large flowers of soft rosy purple. Each 35c; 3 for \$1.00; doz. \$3.50.

ALBUM—Large pure white. Each 50c; 3 for \$1.40. Postpaid.

BORNMULLERI—Flowers delicate rosy pink, slightly marked with white. Each 25c; 3 for 70c; doz. \$2.50.

Caladium

FANCY LEAVED MIXED—They provide a beautiful mass of foliage in colors and are easy to grow. Plant in light shade or full sun, 4 inches deep and 12 inches apart. Also valuable for potting inside. Each 35c; 3 for \$1.00. Postpaid.

Peruvian Lily

Large orange flowers in clusters and a splendid cut flower. Very productive of flowers on long stems. Root divisions can be planted in fall or early spring. Each 25c; 3 for 70c; doz. \$2.50. Postpaid.

Hardy Lilies

CANDIDUM (St. Joseph's or Madonna Lily)—A very hardy early flowering lily with pure white, fragrant flowers on long stems. Does best in full sunshine. Plant in the early fall in well drained soil and cover bulbs about 2 inches deep to top of bulb. Please order in advance so bulbs can be shipped upon arrival. It is best to plant in September and October. Medium sized bulbs making good flowers. **Each 40c; 3 for \$1.10. Large bulbs, 75c each, 3 for \$2.00. Postpaid.**

HENRYI—Rich apricot yellow with a few brown spots; grows 3 to 5 feet; very hardy and free flowering. Plant 8 to 9 inches deep. **Each 75c; 3 for \$2.00; doz. \$7.50. Postpaid.**

REGALE—Magnificent hardy lily from China; vigorous, 3 to 5 feet, bearing several large, white, fragrant flowers; slightly shaded pinkish brown outside the trumpets. Thrives in any good well-drained soil, preferring full sun. Plant 6 to 9 inches deep. **Medium size bulbs, each 25c; 3 for 70c; 12 for \$2.50. Extra large bulbs, each 50c; 3 for \$1.40; 12 for \$5.00. Postpaid.**

Lily of the Valley

Hardy out of doors. They require a mellow, rich soil and a moist, shaded position. Cover pips one-half inch deep. Delivery November to February. Oregon grown pips: **6 for 35c; doz. 65c; 100 for \$4.00.**

Dutch Iris

Splendid spring flowers blooming from early May into June. Ideal for flower arrangements and good keeping cut flowers. Plant these bulbous Iris 5 to 6 inches deep in well-drained soil. Available in the fall but can also be planted in February or March.

MIXED DUTCH IRIS—A good range of color. **Postpaid. 3 for 20c; doz. 65c.**

Bearded Iris

The popular, hardy Iris in new and standard varieties are offered in our fall catalog. These should be planted from July to November. If interested ask for our catalog of last fall.

Montbretias

Flowers and spikes resemble small gladioli. Hardy in the West and South, also in the North if given some protection with leaves or strawy manure. The bulbs increase rapidly and make good cut flowers. Hardy perennials which can be set in the fall or early spring.

SPECIAL MIXED—Mixed from named varieties. **Postpaid. 3 for 30c; doz. \$1.00.**

Tuberoses

Lovely, large double flowers of thick wax-like texture on graceful, long, strong stems. Valuable in the gardens, also for cut flowers. They also have a rich, exotic fragrance. Plant after danger of frost, 2 inches deep to top of bulb. They prefer well drained soil and sunshine. The flower stems are about 15 to 20 inches tall and bloom in August and September. Near the seacoast they can be left in the ground over winter but in other sections it is best to dig and store them. Available in February. **Each 15c; 3 for 35c; doz. \$1.25.**

Trigridia or Tiger Flower

Gorgeous colors, produced during the summer. Short lived blooms but very brilliant. Plant 2 to 3 inches deep and 6 to 8 inches apart. We offer a fine range of colors in mixture. Large sized bulbs ready in January. Mixed from shades of scarlet, cream, rose, yellow and orange. **3 for 30c; doz. \$1.00; 100 for \$7.75. Postpaid.**

Tritoma

PFITZER'S HYBRIDS—These new hybrids have a range of color from white to red shades. Hardy perennials blooming August to October. Tall spikes often 3 feet tall. Available February to April. **Roots 20c; 3 for 50c; doz. \$1.75. Postpaid.**

Gill's Cannas

Valuable for foliage and their large brilliant flowers. Root divisions may be started in pots and transplanted about May 15 to June 15, depending upon location and seasons. Place about 2 feet apart in rows and 4 feet between rows. In mass beds they may be planted closer.

Prices Postpaid—Any variety, root divisions ready March and April. **Each 20c; 3 for 55c; doz. \$2.00.** Plants ready May and June. **Each 45c; 3 for \$1.25; doz. \$4.50.**

KING HUMBERT—Large orange scarlet flower and with deep orange foliage. 3 feet tall.

RICHARD WALLACE—Bright golden yellow flowers with green foliage. 3 feet tall.

THE PRESIDENT—Immense bright red flowers in large clusters. Plants about 3½ feet tall and with light bronze foliage.

VENUS—Large pink flowers and green foliage. About 2½ feet tall.

FREE BULLETINS

We have Radio Talks covering the culture of all main classes of vegetables. These printed bulletins will be sent to you free upon request.

VEGETABLE PLANTS

IMPORTANT NOTICE—We positively will not send any plants C.O.D. Payment on plant orders must accompany the order. For safe shipment during post-war we advise that vegetable plant orders be limited to Oregon, Washington, Idaho, Wyoming, California, and Western Montana.

NOTE—Because there is often confusion in ordering and shipping plants we urge our customers to put the section number along with the variety.

WINTER HARDENED CABBAGE PLANTS—Section 1

NOTICE—Our plants look better than ever but because they are sometimes destroyed by freezing weather, we recommend that you authorize us to send equal value in Greenhouse Plants listed below. These winter hardened plants are not the best looking but much more hardy.

VARIETIES offered are EARLY JERSEY WAKEFIELD for early crops, and DANISH BALLHEAD for summer maturity. **PRICES, POSTPAID: Doz. 30c; 3 doz. 75c; 100 @ \$1.90.** (These prices are based on one variety only. If your order is divided into more than one variety add 10% to these postpaid prices. **Not prepaid, 250 @ \$2.00; 500 @ \$3.75; 1000 @ \$7.00.**

GREENHOUSE GROWN CABBAGE PLANTS—Section 2

These plants are grown in greenhouses in flats, and the seed cannot be sown outside in fall for winter hardened plants. Ready about March 1st to May 1st.

VARIETIES are GOLDEN ACRE, COPENHAGEN MARKET and GLORY OF ENKHUIZEN. **PRICES, POSTPAID: Doz. 35c; 3 doz. 90c; 100 @ \$2.25.** (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

CAULIFLOWER PLANTS, GREENHOUSE GROWN—Section 3

EARLY SNOWBALL No. 16—Success in home gardens with early cauliflower is rather difficult for the crop matures during warm weather. They require rich soil and plenty of water. **PRICES, POSTPAID: Doz. 40c; 3 doz. \$1.00; 100 @ \$2.60.**

SUMMER CABBAGE, FIELD GROWN—Section 4

Well hardened field grown plants, ready about May 1st to June 1st. Available until July 1st. These will produce heads in late summer and early fall. These plants are of our own growing.

VARIETIES are COPENHAGEN MARKET, GLORY OF ENKHUIZEN, PORTLAND ROUNDHEAD and OREGON BALLHEAD. (These varieties listed in order of maturity.) **PRICES, POSTPAID: Doz. 25c; 3 doz. 65c; 100 @ \$1.50.** (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Prices not prepaid, 250 @ \$2.00; 500 @ \$3.50; 1000 @ \$6.50.**

LATE CABBAGE PLANTS, FIELD GROWN—Section 5

Sturdy, well hardened field grown plants of our own growing. Ready July 1st to September 1st.

VARIETIES are OREGON BALLHEAD, DANISH BALLHEAD, DANISH BALLHEAD No. 415, PORTLAND ROUNDHEAD, RED CABBAGE and SAVOY. **PRICES, POSTPAID: Doz. 25c; 3 doz. 65c; 100 @ \$1.50.** (These prices are based on one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Prices not prepaid, 250 @ \$1.75; 500 @ \$2.75; 1000 @ \$4.75; 5000 @ \$4.25 per M.**

BRUSSELS SPROUTS, FIELD GROWN PLANTS—Section 6

Hardy plants, ready July 1st to September 1st. **PRICES, same as Late Cabbage plants above.**

KALE PLANTS, FIELD GROWN—Section 7

Hardy plants, ready July 1st to September 1st. More kale should be planted, for it is very hardy, easily grown, and very essential for proper nutritional balance.

EDIBLE VARIETIES—TALL GREEN SCOTCH CURLED, DWARF BLUE GREEN CURLED, DWARF GERMAN CURLED and GEORGIA COLLARDS. Same prices as late Cabbage above. **FEEDING VARIETIES**—JERSEY KALE and WINTER PROOF 1000 HEADED. Valuable for poultry and livestock. Same prices as Late Cabbage above.

LATE CAULIFLOWER AND BROCCOLI PLANTS—Section 8

Hardy field grown plants, ready July 1st to September 1st.

VARIETIES are NOVEMBER-DECEMBER CAULIFLOWER, ST. VALENTINE OREGON SPECIAL, PURPLE CAULIFLOWER and GREEN BROCCOLI MEDIUM. **PRICES, POSTPAID: Doz. 30c; 3 doz. 75c; 100 @ \$1.90.** (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.) **Not prepaid, 250 @ \$3.50; 500 @ \$6.50; 5000 @ \$6.00 per M.**

TOMATO PLANTS—Section 9

These are grown in flats in greenhouses or in frames. Ready about April 25th to June 15th.

VARIETIES are ALL PURPOSE, GILL'S SELECTED EARLIANA, IMPROVED PEPPER TOMATO, IMPROVED WASATCH BEAUTY, NEW JUBILEE, BONNY BEST, PRITCHARD, BREAK O'DAY, STOKESDALE, MASTER MARGLOBE, SEATTLE BEST OF ALL, VALIANT and PEAR (Yellow and Red). **PRICES, POSTPAID: Doz. 45c; 3 doz. \$1.20; 100 @ \$3.00.** (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

PEPPER PLANTS—Section 10

Grown in greenhouses in flats. Ready May 10th to June 15th.

VARIETIES are CALIFORNIA WONDER, OAKVIEW WONDER, PIMIENTO and RED CAYENNE. **PRICES, POSTPAID: Doz. 50c; 3 doz. \$1.25; 100 @ \$3.25.** (These prices are based upon one variety only. If your order is divided into more than one variety add 10% to these postpaid prices.)

CELERY PLANTS—Section 11

GREENHOUSE PLANTS—Ready about March 15th. Grown in flats. UTAH JUMBO (Green Celery).

LATE CROP PLANTS—Ready about July 1st. Grown in field beds. Same variety as above. Sometimes available in quantities. **PRICES FOR BOTH, POSTPAID: Doz. 50c; 3 doz. \$1.25; 100 @ \$3.00.**

Everbearing Strawberries

With the coming of the large, fine flavored, rich colored everbearing varieties there has been a greater interest in growing strawberries in the home gardens. Always select a well drained location convenient for watering the plants during the summer production. We supply healthy, clean plants.

ROCKHILL—Large bright berries produced in large quantities all summer and fall. This variety makes very few runners and most of the plants are secured by dividing up the one year old plants. This has the advantage of eliminating the second rate producers. Many people believe that the Rockhill berry should not make any runners, however this is not true. If given plenty of fertilizer and water they will make some runners and these are ideal for setting out. Plants **Postpaid. Doz. \$1.25; 50 for \$4.50; 100 for \$8.00.** Write for quantity prices.

NEW STREAMLINER—A new variety of delicious quality and producing heavy crops of large berries. This new berry originated in Oregon and has made quite a sensation. It bears throughout the season from Spring until late Fall. Our plants are grown by the originator. **Prices Postpaid. Doz. \$1.25; 50 for \$4.50; 100 for \$8.00.**

Rhubarb

Rhubarb can also be planted in October and November, depending upon your locality. Fall planting enables you to have quicker results than spring planting. We offer good, strong divisions with good eyes to start the crowns. For quantities write for prices. Prices quoted are for good divisions. Do not pull any stems the first year after planting. Space 2½ feet apart in the rows and 6 feet between rows. If planting is deferred until spring set them out before May 1st. If you are unable to set them out when received, plant in moist sand until ready. If the root divisions are planted in soil that is too dry they may fail to grow.

CHIPMAN'S CANADA RED—This new variety has the reddest interior in the stems of any kind yet introduced. The exterior of the large stems is bright crimson. The interior is really red throughout the whole length of the stem. Not a faint pink but a real red. Somewhat sweeter than most varieties. **Each 75c; 3 for \$2.00; doz. \$7.50. Postpaid.**

MCDONALD—A splendid new rhubarb. Very productive of extra large stems with bright crimson exterior and better interior color than most of the older varieties. **Each 60c; 3 for \$1.50; doz. \$4.75. Postpaid.**

GERMAN WINE—A very popular, large stemmed variety with good color. A good sort for markets and forcing. **Each 40c; 3 for \$1.00; doz. \$3.75. Postpaid.**

RIVERSIDE GIANT—Extra large stems of bright crimson. One of the best producers for market. High quality. **Each 40c; 3 for \$1.00; doz. \$3.75. Postpaid.**

Asparagus Roots

See Page 2 for Roots and Seed.

SELECT GLADIOLUS

Gladiolus bulbs should be planted 4 inches deep in good rich soil well prepared. Planting time will depend upon your choice. March 1 to June 1 will usually permit full bloom. Our bulletin on culture will be sent upon request and a copy will be included with each order.

PRICES GIVEN ARE POSTPAID—6 at dozen rate. Only one variety may be used to secure the dozen rate. We supply good healthy bulbs of large size that will give strong spikes of bloom.

ALADDIN—Huge ruffled, dark salmon. **Each 10c; doz. \$1.10.**

ALBATROS—Tall spikes of lily white flowers; large flower, early. **Each 10c; dozen. \$1.00.**

BAGDAD—Large, deep smoky old rose. **Each 10c; doz. \$1.00.**

BARCAROLE—Finest salmon orange. Large and ruffled. **Each 10c; doz. \$1.10.**

BEACON—Large salmon red with cream throat. **Each 10c; doz. \$1.00.**

BERTY SNOW—Fine large lavender. **Each 10c; doz. \$1.00.**

BETTY NUTHALL—Large, orange coral color. **Each 10c; doz. \$1.10.**

BIT O'HEAVEN—Primulinus hybrid. Tall orange flowers. **Each 10c; doz. \$1.10.**

BLACK OPAL—Large, exhibition black red. **Each 15c; doz. \$1.35.**

BLAZE—Gorgeous fiery red with heavy substance and texture. **Each 10c; doz. \$1.10.**

BLEEDING HEART—Light pink with a dark crimson blotch. **Each 10c; doz. \$1.10.**

BLUE BEAUTY—Best of all medium blues. Fine large sort. **Each 15c; doz. \$1.25.**

BONNEVILLE—Ruffled deep salmon pink. **Each 10c; doz. \$1.10.**

CAMELIA—Large blush white with red throat. **Each 10c; doz. \$1.00.**

CALIFORNIA—(Salbach Patented). Very large wide open, clear geranium pink with deeper blotch in throat. Long, straight spikes. **Each 35c; doz. \$3.50.**

CANDY HEART—Large flowers of apricot pink with small red blotch. **Each 10c; doz. \$1.10.**

CARILLON—Large, clear pink flowers with white throat. **Each 10c; doz. \$1.00.**

CHAMOUNY—Extra large, prize cerise red with silver edge. **Each 15c; doz. \$1.35.**

CHAS. DICKENS—Large and tall, rich red purple. **Each 10c; doz. \$1.00.**

COMMANDER KOEHL—Giant deep red. One of the best. **Each 10c; doz. \$1.10.**

CORAL GLOW—Immense flowers and spikes, coral red. **Each 15c; doz. \$1.25.**

CORONA—Creamy white with pink picotee edge. Large flowers. **Each 10c; doz. \$1.10.**

CRYSTAL—Massive white flowers on good spikes. **Each 15c; doz. \$1.35.**

DEBONAIR—Fine cut flowers of beautiful pink. Each 10c; doz. \$1.10.

DR. BENNETT—A fine standard bright scarlet variety. Each 10c; doz. \$1.00.

EARLY PEACH—Fine deep pink with cream throat. Each 10c; doz. \$1.00.

EARLY ROSE—A beautiful flower of soft, cerise pink. Each 10c; doz. \$1.10.

ELIZABETH THE QUEEN—Beautiful, large flowers of clear lavender. Each 15c; doz. \$1.50.

ETHEL CAVE COLE—Extra large, new soft pink with delicate amber throat. Each 15c; doz. \$1.25.

GLAMIS—A beautiful new pink, a splendid variety. Each 20c; doz. \$1.85.

GREENLIGHT—Giant greenish white, ruffled blooms. Each 15c; doz. \$1.25.

GRETA GARBO—Beautiful exhibition flowers of creamy rose. Each 15c; doz. \$1.35.

HARVEST MOON—Medium yellow shading deeper at throat. Each 10c; doz. \$1.10.

JEANNIE—Large flowers of clear medium rose. Each 10c; doz. \$1.00.

JEORG'S WHITE—Large white flowers with lavender marking in throat. Each 10c; doz. \$1.10.

J. S. BACH—An early sort. Massive salmon orange. Each 10c; doz. \$1.10.

KASSEL—Large, tall, early scarlet. Very fine. Each 10c; doz. \$1.00.

KEWPIE—Fine miniature scarlet with one inch blooms. Each 10c; doz. \$1.00.

KING OF HEARTS—(Salbach Patented). One of the largest gladiolus with flowers 8 inches in diameter. Light coral-red to salmon. Flower spikes often 2½ ft. long. Each 35c; doz. \$3.50.

KING LEAR—Giant ruffled purple. A splendid variety. Each 10c; doz. \$1.10.

LADY JANE—Cream with yellow tip on each petal. Each 15c; doz. \$1.35.

LEONA—Deep rose red; large. Each 10c; doz. \$1.10.

MAID OF ORLEANS—Milky white with cream throat. Long stems—ideal cut sort. Each 10c; doz. \$1.10.

MAMMOTH WHITE—Pure white of immense size on good stems. Each 10c; doz. \$1.10.

MARGARET BEATON—White with small scarlet blotch. Each 10c; doz. \$1.10.

MARGARET FULTON—A fine large clear salmon. Good stems. Each 10c; doz. \$1.00.

MASTER MYRON—Huge early red flowers. Valuable for cutting. Each 10c; doz. \$1.00.

MAX REGER—Large flowers of light lavender blue. Each 10c; doz. \$1.10.

MILDRED LOUISE—Large, vivid strawberry pink. Each 10c; doz. \$1.10.

MINUET—A fine large lavender variety. Each 15c; doz. \$1.25.

MOTHER KADELL—Large lemon yellow. Very fine. Each 15c; doz. \$1.25.

MOTHER MACHREE—Large golden smoky. Very distinct. Each 10c; doz. \$1.10.

MYRNA—Giant flowers of ruffled, pure white. Each 10c; doz. \$1.10.

NEW ERA—Intensely ruffled; large pure pink. Extra fine. Each 15c; doz. \$1.25.

PANDORA—Large, clear soft geranium pink. Each 15c; doz. \$1.35.

PARADISE—One of the best in the apricot color. Each 10c; doz. \$1.10.

PEGGY LOU—Early. Clear deep pink. Very popular. Each 10c; doz. \$1.10.

PELEGRINA—Large deep blue violet. Very striking. Each 10c; doz. \$1.10.

PICARDY—Large salmon pink. Extra fine. Popular with florists. Each 10c; doz. \$1.10.

POLAR ICE—Pure glistening white of early maturity. Very outstanding in its color. Each 10c; doz. \$1.10.

RANGATATA—Giant flowers of salmon red. Each 10c; doz. \$1.10.

RECADO—Massive slate gray with scarlet glints. Each 15c; doz. \$1.25.

RED CHARM—A fine shade of medium red. Each 15c; doz. \$1.35.

RED LORY—Large, rose red on tall spikes. Several flowers open at once. Each 10c; doz. \$1.10.

RED PHIPPS—Large light red. Very popular. Each 10c; doz. \$1.10.

ROMAN GOLD—Extra early golden orange, large flowers. Each 10c; doz. \$1.00.

ROSA VON LIMA—Clear, light rose pink. A very fine variety. Each 10c; doz. \$1.00.

ROYAL GOLD—An early variety of large size and rich yellow color. Each 10c; doz. \$1.10.

RUFFLED PRINCESS—Beautiful ruffled flowers in pink. A splendid new variety. Each 15c; doz. \$1.35.

SIR GALAHAD—(Salbach Patented). Large pure, soft creamy yellow enhanced by blotch of deep crimson in throat. Wide open, well-placed flowers on long, straight spikes. Each 35c; doz. \$3.50.

SHIRLEY TEMPLE—Huge, ruffled white with deep creamy throat. Each 10c; doz. \$1.10.

SNOW PRINCESS—An early white sort with tall spikes. Large flowers. Each 15c; doz. \$1.25.

SONATINE—Large rose pink with small red blotch. Each 10c; doz. \$1.10.

SURFSIDE—A beautiful ruffled white with cream tip. Each 15c; doz. \$1.25.

TAKINA—Giant rosaline purple. Extra fine variety. Each 10c; doz. \$1.10.

GLADIOLUS—Continued

TOKEN—A very early salmon flame. Each 10c; doz. \$1.10.

TROUBADOUR—Many consider this the best purple variety. Each 10c; doz. \$1.10.

TUNIAS TRIUMPH—Medium dark red. Large flowers. A good cut flower. Each 10c; doz. \$1.10.

VALERIA—A fine cut flower of soft rosy red. Very popular. Each 15c; doz. \$1.25.

VISTA BONITA—A beautiful salmon rose. A splendid variety. Each 15c; doz. \$1.25.

VREDENBURG—Giant pure white of heavy texture in petals. Each 15c; doz. \$1.25.

WHITE GOLD—New, giant flowers of creamy white with yellow throat. Each 15c; doz. \$1.50.

YELLOW EMPEROR—Best deep yellow. Very good. Each 10c; doz. \$1.00.

Gladiolus in Mixtures

GILL'S FANCY MIXED—This mixture is made up from named varieties and contains more varieties than any mixture we offer. The names are not attached to the bulbs and the varieties are our own selection. Large bulbs. Postpaid. 3 for 25c; doz. 75c; 100 for \$5.50.

JUMBO MIXED—The name Jumbo applies to the size of these extra large

bulbs. They are a fine mixture from named varieties in various colors, and will produce long spikes of flowers. Our selection of varieties. Postpaid. 3 for 30c; doz. 90c; 100 for \$7.00.

GIANT MIXED—This mixture embraces many fine varieties in a good range of color. Made up from named varieties in size No. 1 or larger. No. 1 size are 1½ inches in diameter or larger. Our selection of varieties. Postpaid. 3 for 20c; doz. 70c; 100 for \$5.25.

Florist Gladiolus Offer

25 large size bulbs, 1¼ inches up, in a fine mixture, postpaid, for \$1.00. This mixture is made from named standard sorts and newer introductions unlabeled and comprises large flowering varieties, chosen so as to give a good range of color, with good cut flower qualities. Our selection in mixture. These collections are put up in advance and cannot be divided to sell part of a collection for less.

Glorious Gladiolus Offer

40 medium size bulbs, 1 to 1¼ inches in diameter, in splendid mixture, postpaid, for \$1.00. These will make fine blooms the first season. You will be surprised at the value you receive. This offer enables everyone to have a fine gladiolus garden. Splendid value. These collections are put up in advance and cannot be divided to sell part of a collection for less.

GILL'S RELIABLE DAHLIAS

Dahlia orders will be filled during the latter part of March and through April and May, but may be sent any time for booking, and will be filled in the rotation received. No dahlia orders will be filled after June 1, except collections, which will be sent up to June 15. All dahlia prices postpaid. The rate for a dozen of one kind is 10 times the single rate. Six at the dozen rate.

We publish a bulletin telling how to care for dahlias. This is sent free to all if requested and a copy is included with each order of bulbs. See dahlia collection inside back cover.

When you receive your dahlia tubers open them very carefully so that the eyes on the tubers will not be injured. Keep them in a cool place, away from frost, until ready to plant.

Informal Decorative Dahlias

This type lacks the uniformity of the formal decoratives and the petals are more expanded. Many have longer petals and they are often more loosely arranged than the formal type. The plants grow vigorously and have very large flowers, usually on long, erect stems. In some varieties the petals are somewhat twisted.

ADIRONDAK SUNSET—Large flowers of vivid orange, petals tipped scarlet, yellow at base. Each 50c.

AUTUMN SUNSET—Large flowers of lemon yellow, shading to spinal red. Each 60c.

EAGLE ROCK FANTASY—Giant blooms of pale orchid. Each \$1.00.

FRANK SERPA—Large pale pink, heavily stained wine red at the tips. Each 60c.

ELEANOR FRANCIS—Brick red; large blooms on long, strong stems. Each 60c.

EL RUBIO—Huge deep velvety red; heavy growth; long stems. Each \$1.00.

GAMMA CLARA—A splendid yellow dahlia. Large flowers, well faced. Each \$1.00.

GINGER ROGERS—Huge blooms of clear sulphur yellow, on good stems. Each \$1.00.

GRACE CURLING—Lilac pink shading to white at base. Each 50c.

GRAY DAWN—New. Pure white with slight sheen of orchid. Each \$1.00.

HILL'S SUPREME—Large rose pink, cast with purple. Fine cut flower. Each 50c.

JANE COWL—Giant bronzy buff and old gold, blending deep to a perfect center. Each 50c.

DAHLIAS, INFORMAL DECORATIVE— Continued

KATIE KAY—New. Giant pink that is outstanding. **Each \$1.00.**

LORAINÉ—Large yellow shading to tan. **Each 75c.**

MAYOR OTIS—Large flowers; blended shades of shining bronze. **Each 75c.**

MOTHERS DAY—A splendid large white on excellent stems. Heavy foliage. **Each 85c.**

MRS. ELLA WORTHERN—Large yellow flowers overcast with pink and gold. **Each 50c.**

NAGEL'S SUPERB—Primrose to lemon yellow; recurved petals. Very distinct. **Each 50c.**

PALO ALTO—Large, straight tan that is very outstanding and showy. **Each 50c.**

PINK GIANT—Bright tyrian pink. Huge blooms on excellent stems. **Each \$1.00.**

SAN FRANCISCO—A very large dahlia of soft shrimp pink. **Each 75c.**

SHERWOOD'S PEACH—An outstanding creation of orange and apricot. **Each \$1.50.**

THE FIREMAN—Large flowers of bright, fiery red on erect stems. **Each 50c.**

THE UNIVERSE—New. A large dark red flower shaded purple. **Each 75c.**

WASHINGTON GIANT—Giants of pure lavender blended with silver. **Each 60c.**

WHITE ABUNDANCE—A very free flowering, large white dahlia. Ideal for cutting. **Each 60c.**

Formal Decorative Dahlias

This type has large double flowers, full to the centers. Broad, flat petals with broad points or rounded tips. They usually have long stems and bloom freely.

AVALON—Primrose to canary yellow; long stems. A fine cut flower. **Each 50c.**

BALLEGO'S GLORY—Large blooms of mahogany red, each petal edged with gold. **Each 75c.**

BLUE RIVER—It is claimed to be the only large blue dahlia. **Each 60c.**

BOBBY DEAN—A peach colored Jersey and a splendid cut flower. **Each \$1.25.**

CAMEO—Very large flowers of coral rose toned with gold. Rose colored reverse of petals. **Each 50c.**

CHAS. L. MASTICK—Bright orange yellow shading to pink on reverse. Splendid cut flower. **Each 50c.**

CLAIRE FLEETWOOD—Huge flowers of Australian soft pink. Very fine dahlia. **Each 65c.**

CLARA CARDER—Immense rose pink flowers on long, strong stems. **Each 50c.**

EDITH WILKIE—New. Large snow-white, very pure and showy. **Each \$2.00.**



Dahlia, Jane Cowl—Page 56

D'ARCY SAINSBURY—Giant showy white flowers on fine, strong stems. **Each 65c.**

FRANCIS LAROCCO—Splendid flower of pure yellow, medium size. **Each 50c.**

JERSEY BEAUTY—A superior cut flower on long, erect stems. A very popular flower for florists. Beautiful eosine pink. **Each 50c.**

LITTLE MISS PUGET—Very free flowering. Medium sized blooms of pure buff. **Each 50c.**

MARIE DRESSLER—Jersey Beauty type in pomegranate red. Splendid cut flower. **Each 75c.**

MARJORIE COLE—A splendid bi-color; orange yellow, tipped white. Free flowering. **Each 50c.**

MONARCH OF THE EAST—Gigantic blooms of deep golden bronze, often 14 inches across. **Each 75c.**

MRS. GEO. L. BOUTILLIER—Immense flowers one foot in diameter. Rich, velvety carmine blooms on strong erect stems; flowers well faced. **Each 50c.**

RAPELLO—A bi-colored flower of deep blood red and white. **Each 50c.**

RED JERSEY BEAUTY—A splendid red dahlia in the form of Jersey Beauty. **Each 50c.**

ROYAL PENNANT—The most vivid purple. Strong, erect stems. **Each 75c.**

SALBACH'S WHITE—Large flowers on good stems; deep, pearl white. A fine wedding flower. **Each 60c.**

THE REAL GLORY—An outstanding white dahlia of huge size on fine stems. **Each \$2.00.**

TOWN TOPIC—Large, pansy purple often tipped with white. Good stems. **Each \$1.25.**

TROEF—Color, Bishop's violet. Exceptionally free blooming on extra good stems. **Each \$1.00.**

Semi-Cactus Dahlias

Semi-Cactus or Hybrid Cactus type flowers are fully double but the petals are shorter than those of the true Cactus type and are broader and more flat, though sometimes recurved and twisted. The stems of this type are usually strong and the plants prolific bloomers.

GEN. J. J. PERSHING—New. Giant flowers, coral to red, flushed chrome. Each \$2.50.

KATHERINE LUXFORD—Beautiful flowers on good stems. Medium sized blooms of apricot. Each 65c.

LOUISE—A large, pale pink with white centers. Each 85c.

MARK HEIDE—Large pastel pink, shading to soft yellow center. A fine cut flower. Each 60c.

MISS GLORY—Large, distinctive flowers of apricot yellow. Good stems. Each 75c.

MISS LIBERTY (Gill)—A giant on strong, erect stems. Large blooms of bright pink with yellow center. Each 75c.

PAUL PFITZER—New. Large blooms of delicate rose with white at the centers. Each 75c.

TRIUMPH DE PARIS—Very productive of blooms of medium size; bright orange, tipped with yellow. Outstanding. Each 75c.

Cactus Dahlias

The true Cactus type flowers are fully double, petals long, narrow, often incurved or twisted, with sharp, divided or fluted points.

ETOILE DE NAGELS—Large flowers of brilliant red on long stems. Each \$1.25.

GREATER GLORY—New. Huge rose pink with white center. Outstanding. Each \$1.00.

JERSEY DAINTY—Considered one of the best white dahlias for cutting. Each 50c.

MICHIGAN RADIANCE—Large; yellow overcast with bronze. Each 75c.

MRS. L. BREGGAZZI—Delicate pink, shading to lighter center with incurved petals. Each 75c.

PAULINE JAMES—A beautiful, true apricot color. Each 50c.

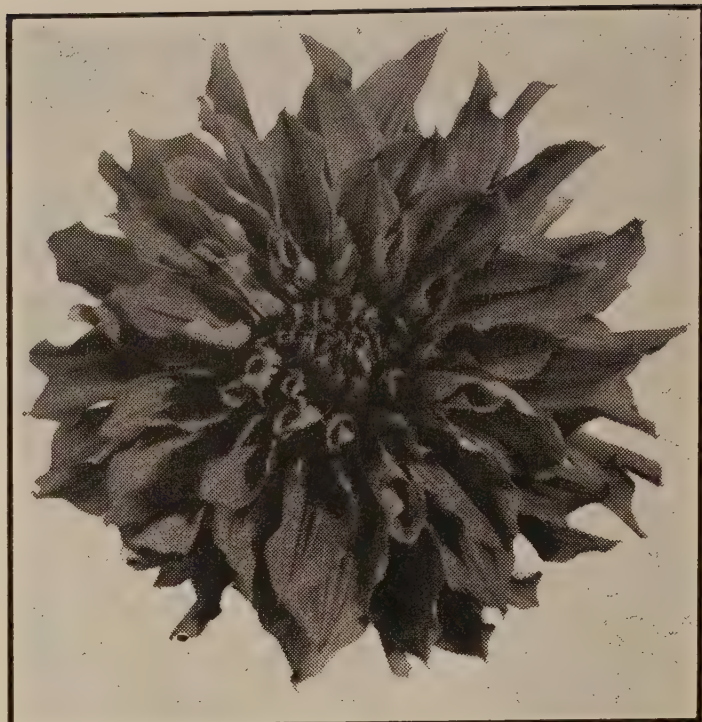
ROGUES BOUQUET—Blended shades of orange red with tints of purple. Good stems. Each 50c.

SAINT THERESE—New. A sensational bi-color of lavender and white. Many rate it tops in its class. Each \$2.00.

SWEET DAWN—Lavender pink, overcast amber. Long, strong stems. Each 85c.

TAIYO—Medium sized flowers of maroon and white bi-color, good stems. Each 75c.

WHIRLWIND—A medium sized dahlia of brilliant, dazzling red. Very striking. Each \$1.00.



Dahlia, Mrs. Geo. L. Boutiller—Page 57

Ball or Show Dahlias

This represents a very old type that is still very popular. The petals are rather cupped, forming ball shaped flowers of good size. Free flowering with good stems.

BIG BEN—A very nice deep orange. Each 60c.

BILLY BOY—A fine red on real good stems. Each 50c.

CLARA CLEMENS—A large, rich maroon, lightly tipped with white. Each 60c.

LEAH PEARL—One of the finest grown. Salmon with a cream center. Each 75c.

MAH BABY—Rich, deep maroon to almost black. Good stems. Each 60c.

MRS. C. D. ANDERSON—Deep purple, with fine rich blooms, good stems. Each 75c.

ORCHID BALL—A very lovely pastel orchid. Good stems. Each 50c.

RAMUNCHO—Cream overcast purple to red. A very outstanding variety in this class. Each 75c.

ROYAL GLORY—A very brilliant and striking scarlet. Each 60c.

SNOW QUEEN—One of the cleanest and healthiest white dahlias grown. Each 60c.

TIPPY—Yellow, tipped with bronze. One of the finest cut flowers grown. Each 40c.

WEIN—Cream tipped lavender. A very attractive flower. Each 50c.

DAHLIAS FOR FALL

It is hard to beat dahlias for a fall flower, especially in those localities where frost usually comes late.

Miniature Dahlias

This type embraces miniature flowers that are represented in the form of many main classes. They generally have ideal stems for cutting as they show their faces upon good stems and keep well in bouquets. They are also very free flowering. These fascinating and dainty little dahlias are rapidly growing in favor as they are more adaptable to home decoration than the large flowered types and are not so formal as the pompons.

ANDREAS ORANGE—(Cactus). Four to five-inch blooms of rich orange. Each 75c.

BISHOP OF LLANDAFF—(Duplex). Deep red with dark red foliage. Very unusual. Each 50c.

CORALETTE—(Formal Decorative). A splendid cut flower in a true coral. Each 60c.

GERMANTJI—(Cactus). Pretty rose pink with a white center. Each 60c.

LITTLE DARLING—(Cactus). Pale pink with white center. Each 60c.

LITTLE SISTER—(Informal Decorative). New. Maroon, tipped white and very good for cutting. Each \$1.35.

MARKET JEWELL—(Cactus). Dainty, rich, deep red and a favorite with florists. Each 60c.

MARQUITA—(Formal Decorative). Beautiful light pink; blooms profusely. Each 50c.

MME. DESTRA—(Cactus). A rich red on very good stems. Each 75c.

QUEEN OF SMILES—(Formal Decorative). Rose shading to cream at edges. Each 50c.

RARE—(Cactus). Dusty old rose shade. Very unusual. Each 75c.

RITA MARIE—(Informal Decorative). A splendid cut flower with shades of bronze. Each 60c.

ROSE GEM—(Formal Decorative). Rose pink, tinged lavender as the flowers age. Each 40c.

SPRINGHILL ROSE—(Formal Decorative). American Beauty rose color. Free flowering and good stems. Each 40c.

TIP—(Cactus). Primrose yellow and ideal for florists. Good stems. Each 50c.

TOY—(Formal Decorative). Deep lavender pink. Each 40c.

VERMILLION BRILLIANT—(Informal Decorative). Brilliant scarlet, very dazzling in the garden. Each 75c.

WHITE FAWN—(Formal Decorative). Pure, snow white, ideal for cutting. Each 60c.



Dahlia, Gray Dawn—Page 56

Pompon Dahlias

These are the babies in the dahlia world. Pretty, compact, ball shaped flowers are borne on long, stiff stems holding the blossoms upright and making a most wonderful display of color in garden. They are very fine for house decoration and flowers will hold up a long time in water without boiling or burning the stems. No garden should be without Pompons. They are so different and so dainty.

ALICE—A small, bright vivid red. A good cut flower. Each 40c.

ALLBRIGHT—Small flowers of gold flushed with red shades. Popular cut flower. Each 40c.

ANNA VON SCHWERIN—Small pastel pink with white center. Very choice. Each 60c.

BETTY ANN—Small, clear pink on good stems for cutting. Each 40c.

BRIGHT EYES—White shades over cerise. Each 40c.

DORIA—Deep smoky crimson maroon, on long, upright stems. Each 40c.

GERTRUDE—A very good medium red and ideal for cutting. Each 40c.

HAARKS GLOW—An improved Glow. Amber with overcast of old rose. Each 40c.

HELEN ANITA—Orchid with white center. Each 40c.

IOLANTHA—Quite a large pompon of bright orange on good stems. Each 40c.

JHR. VAN CITTERS—Yellow, overlaid cerise. Very distinct. Each 50c.

JOE FETTE—Small, perfect white flowers. Rated one of the best white pompons. Each 40c.

LIBBY ROHR—Cerise purple. Very free flowering. Each 40c.

POMPON DAHLIAS—Continued

LITTLE SNOW WHITE—Rather large snow white pompon. **Each 40c.**

LITTLE SUNSHINE—Small buff flowers on good stems. **Each 40c.**

MARY MUNNS—Small, neat flowers. Fuchsia to deep orchid. **Each 40c.**

MINNIE MELLS—Orchid, shading to deeper center. **Each 40c.**

MORNING MIST—White, with a flush of lavender. **Each 50c.**

NELLIE FRASER—Deep pink center, pale pink edge. **Each 50c.**

SHERRY—Brilliant wine purple. Very outstanding. **Each 40c.**

YELLOW GEM—Pure yellow and one of the best. **Each 40c.**

ZULU—Dark, almost black. Small flowers on good stems. **Each 40c.**

Miscellaneous Dahlias

CERISE STAR—(Star type). Very free flowering. Long, slender upright stems. Cerise rose color. **Each 40c.**

CROIX DE SUD—(Anemone type). Brilliant red with yellow anemone type centers. **Each 60c.**

RED COLTNESS GEM—(Coltness type). A selected bright red. **Each 40c.**

SALOME—(Single). Large bright yellow single on long, erect stems. **Each 40c.**

SWALLOW—(Collarette type). Beautiful pure white Collarette on long erect stems. Large single flowers with inside collar around the pollen center. **Each 40c.**

WHITE STAR—(Star type). Rather small flowers of pure white with open pollen centers. Long, erect stems, fine for cutting. Resembles water lily flowers. **Each 40c.**

Commercial Fertilizers

Write for Prices, Stating Quantities.

Notice—Readjustment in changing prices prevent us from quoting prices here. Please write us for prices, stating quantities desired. All prices are FOB our shipping point and purchaser must pay transportation charges. The analysis is listed by numbers: the first number is nitrogen, the second phosphate, the third potash. At the time this catalog goes to press some items are not available. Our price list will show what is available. We do not ship fertilizers C.O.D.

ORGANIC FERTILIZERS

RAW BONE MEAL—A rather slow acting fertilizer used for many purposes, especially fruit, shrubs and bulbs. Approximately 4-23-0.

COTTON SEED MEAL—A valuable organic fertilizer which many growers use in place of fish. It is important for acid loving plants and shrubs.

SHEEP GUANO—Usually runs around 2-1-2. Dry ground sheep manure in sacks. High in humus, therefore extra fine for general purposes. Sacks of approximately 50 pounds each \$1.00; per ton, \$30.00, and 1000 pounds at ton rate. Prices F.O.B. Portland, Oregon.



Pompon Dahlias

FERTILIZERS IN MIXTURES

Write for prices, stating quantities. Order by analysis numbers listed below.

We can generally supply mixtures with the following analysis:

9-4-6	6-10-4	5-10-10
5-6-8	3-10-20	3-10-10

MINERAL FERTILIZERS

Write for prices, stating quantities.

POTASH, MURIATE—Produces color, substance and flavor. 50 to 60% potash.

POTASH, SULPHATE—Also valuable for color, substance and flavor. 50%.

SUPERPHOSPHATE—We may be able to offer 18% and triple.

NITRATE OF SODA—14 to 16 ammonia. Being soluble in water it is valuable for winter and early spring fertilizing on any crop where quick leaf growth is important.

SULPHATE OF AMMONIA—This runs very high in nitrogen. Similar use to that of Nitrate of Soda.

AMMONIUM NITRATE—Approximately 34% nitrogen.

AMMONIUM PHOSPHATE—About 11% nitrogen, 48% phosphate.

Vigoro

VIGORO—It is the ideal plant food for lawns, flowers, gardens, shrubbery and trees. It is easy to apply; results are quick and certain.

Clean, dustless, weedless, and odorless, Vigoro is not to be compared with any other plant food you have ever known. It isn't at all costly. Write for prices. Offered in weighed packages as follows: 1-5-10-25-50-100 lbs.

OTHER ITEMS

Write For Prices

LAND PLASTER OR GYPSUM—This contains sulphur in soluble form and is valuable for legumes, potatoes and general crops.

LIME, HYDRATED—Especially valuable for extremely acid soils.

NAPHTHALENE—Valuable for preventing worm damage to vegetable crops. It will often prevent moles from infesting lawns and flower beds. Available in small lots or large lots.

GARDEN SUPPLIES

Semesan

Prices Postpaid to Third Zone Only

SEMESAN—A general disinfectant for vegetable and flower seeds or bulbs, and certain plant diseases. **Postpaid.** $\frac{1}{3}$ oz. 12c; 2 oz. can 45c; 12 oz. can \$2.20.

SEMESAN BEL—A dip disinfectant for seed potatoes. **Postpaid.** 2 oz. Pkt. 35c; 1 lb. can \$1.93; 4 lb. can \$6.48.

SEMESAN JR.—A dust disinfectant for seed corn. **Postpaid.** $1\frac{1}{2}$ oz. Pkt. 17c; 12 oz. 72c; $6\frac{1}{4}$ lb. can \$4.36.

NEW IMPROVED CERESAN—A low cost dust disinfectant for wheat, oats and barley. **Postpaid.** 4 oz. can 35c; 1 lb. can \$1.00; 4 lb. can \$3.20; 8 lb. can \$6.22. Write for further description, directions for use and prices on quantities. It is not expensive.

Rootone

"The Hormone Powder"

Prices Postpaid to Third Zone Only

Postpaid. $\frac{1}{4}$ oz. Pkt. 25c; 2 oz. jar \$1.00; 1 lb. can \$5.10. No solutions, no measuring, just dust and plant. The 2 oz. jar treats up to 3000 cuttings.

Transplantone

Hormone Powder—Stimulates the roots of plants, shrubs and trees. **Postpaid.** $\frac{1}{2}$ oz. Pkt. 25c; 3 oz. can \$1.00.

Fruitone

Hormone Spray—Aids in setting fruit. For stopping premature drop of fruits, flowers and leaves. **Postpaid.** $2\frac{1}{5}$ oz. 25c; 2 oz. \$1.00.

Thompson's Fix Tablets

For Tomatoes—Aids in setting fruit and makes them practically seedless. 1 tablet to 1 quart of water for spray. 1 bottle (20 tablets), 25c.

Spergon

Prices Postpaid to Third Zone Only

Valuable disinfectant that is non-poisonous and especially valuable for peas and beans. It is recommended where Nitragin is used, as it does not injure the germ. Dry dust. **Postpaid.** 1 oz. 25c; 5 oz. \$1.00; 1 lb. \$2.20. Wettable powder, 1 lb. \$1.20.

Miller's Garden Calomag

Prices Postpaid to Third Zone Only

Plant Maggot Control. One teaspoonful on top of ground at base of each plant when transplanted, will control maggots for the whole season. Can also be sprinkled along the rows of seedlings of vegetables when plants first appear. **Postpaid.** 1 lb. 90c. Not prepaid, 5 lbs. \$2.95.

Rotenone Dust

Very successful for controlling insects that eat or suck on plants. Offered in 75 or 100 strengths. We can also supply this in liquid form. Write for prices.

Miller's Garden Compost Maker

Prices Postpaid to Third Zone Only

Converts weeds, leaves and garden rubbish into valuable Organic Humus Fertilizer. **Postpaid.** 5 lbs. 95c. Not prepaid, 25 lbs. \$2.85.

Tobacco Sprays

Black Leaf "40" and other tobacco sprays in liquid form; also in tobacco dust. These are still very scarce. Write for prices.

Dusting Sulphur

We can supply for dusting, or agricultural sulphur for fertilizer applications. Write for prices, giving quantities needed.

Keepway Tarred Plant Protectors

(Non-Poisonous)



Protection from Root Maggots on Cabbage, Cauliflower, Broccoli, Brussels Sprouts, etc. Apply when setting out plants. Rains or cultivation do not destroy its effectiveness. Protection lasts until plant maturity. Prices as follows, postpaid to fourth zone, beyond which send additional postage: **Package** of 24 for 15c; 72 for 35c; 500 for \$1.50; 1000 for \$2.60. Write for prices on larger quantities.

Hotkaps

Hotkaps protect growing plants, increase yields, mature crops 2 to 3 weeks earlier; insure premium prices. Order now. Prices, NOT prepaid: **Package** 25 for 70c, weight 2 lbs.; 100 for \$2.75, weight 5 lbs.; 250 for \$4.65, weight 10 lbs.; 1000 for \$13.50, weight 33 lbs. Write for prices on quantities. If ordered by parcel post, be sure to allow postage.



Rubber Knee Pads



A great protection when weeding, etc. **Price, \$2.00 per pair, plus postage on 2 lbs.**

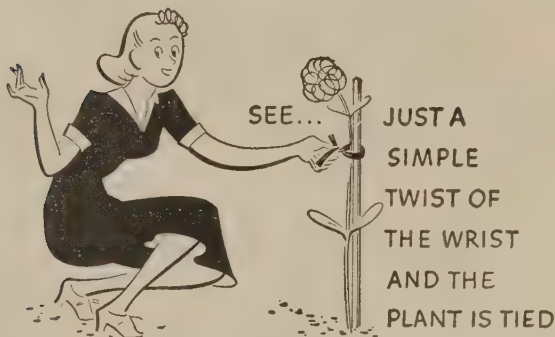
TRAIN-ETTS

Weatherized Trellis Netting. Ideal support for Sweet Peas, Garden Peas, Pole Beans, etc. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun, burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 65c; No. 2, 60x96 in., 85c; No. 3, 60x180 in., \$1.25. Postpaid. Send extra postage beyond Third Zone.

Force's Mole Killer

Pellets to be placed in the runways. 85-pellet size, 50c; 185 pellet size, \$1.00. Be careful about children.

Twist-Ems



Help you to support plants QUICKLY, NEATLY, PERMANENTLY. Say "goodbye" to unsightly twine and raffia, to needless work with shears. TWIST-EMS—strong dark-green invisible tapes with wire reinforcement—protects stems, permanently supports annuals, perennials, vines, shrubs and vegetables. We can supply several sizes in large quantities. Please write stating size and quantity. Box of 125, 8 inch size, 40c. Postpaid.

FIELD SEEDS

Prices on field seeds are subject to frequent changes, therefor please write us for our current price list. We strive to secure only high grade seed of good purity and germination.

CLOVERS

Red Clover	Subterranean, Mt. Barker
Mammoth Red	Subterranean, Tallarook
Alsike	Crimson Clover, Annual
Ladino	Strawberry Clover
White Dutch	Korean Lespedeza

ALFALFA

Common, Northern and Central	Ladak
Grimm, Blue Tag	

SWEET CLOVER

White Blossom	Yellow Blossom
---------------	----------------

GRASSES

Rye Grass, English	Reed's Canary Grass
Rye Grass, Domestic	Poa Bulbosa
Rye Grass, Italian	Crested Wheat Grass
Timothy	Red Top
Orchard Grass	Mesquite
Meadow Fescue	Brome Grass
Tall Alta Fescue	Sudan Grass
Tall Meadow Oat	Sudan, Sweet
Tualatin Grass	

PASTURE MIXTURES

For Highland	For Lowland	For Burns
--------------	-------------	-----------

PERENNIAL PASTURE MIXTURES

For Highland	For Lowland
--------------	-------------

VETCH

(We do not ship to California)

Common	Purple
Hungarian	Willamette
Hairy	



Dahlia, Jersey Beauty—Page 57

FIELD PEAS

Australian Winter	Canadian	Alaska
-------------------	----------	--------

MILLET

German or Golden	Japanese	Hog
------------------	----------	-----

MISCELLANEOUS

Rape, Dwarf Essex	Recleaned Flax (grain or oil)
Soy Beans (non edible)	Buckwheat, Japanese
Cane for Fodder	Cheat..Seed

SEED GRAINS

We can usually supply recleaned seed grain such as Oats, Wheat, Rye, Barley.

LAWN GRASSES

See Lawn Grass Seeds, Page 32.

FIELD CORN

See Page 14.

Inoculate all Legume Seeds with

NITRAGIN

1898—A HALF CENTURY OF SERVICE—1948

When ordering. Always state name of seed

ALFALFA (A)

Swt., Bur, Hubam Clovers	Retail
Size	
1 bu. each....	\$.50
2½ bu. each....	1.00

CLOVERS (B)

Red, Alsike, Crimson, White and Ladino.	
1 bu. each....	\$.50
2½ bu. each....	1.00

LESPEDEZA (L)

100 lb. size (Inoculates up to 100 lbs.) ..	\$.50
---	--------

PEAS,

(C)

VETCHES(All Varieties)	
100 lb. size (Inoculates up to 100 lbs.) ea.	\$.50
1200 lb. size ea... 5.70	
(12-100 lb. cans)	

LUPINES (All Varieties)

100 lb. Size (Inoculates up to 100 lbs. seed) ea.	\$.50
---	--------

SOYBEANS (S)

Size	Retail
Small, (Inoculates up to 120 lbs. seed)	\$.30
5 bu. each.....	.55
25 bu. each.....	2.50
(One can)	
30 bu. each.....	3.25
(6-5 bu. cans)	

BEANS—Navy, Pinto, Wax, String, Kidney and Great Northern

1 bu. each.....	\$.35
-----------------	--------

PEANUTS, COW PEAS (E)

Small, (Inoculates up to 120 lbs. seed)	\$.30
5 bu. each.....	.55
25 bu. each.....	2.50
(One can)	
30 bu. each.....	3.25
(6-5 bu. cans)	

GARDEN SIZE—Peas, Beans, Sweet Peas, Lupines, Lima Beans and Edible Soybeans
Enough for 8 lbs. seed — Retail Price 10c each



Protect your beautiful garden

Check your needs for these
ORTHO pest control products



TWO GREAT NEW PRODUCTS

BOTANO Deluxe

Improved: contains Zinc and Iron Carbamates, Gamma Isomer of Benzene Hexachloride, Dianysl Trichloroethane.

8-oz. Duster\$.75
2-lb. 1.50

VAPOTONE Spray

Kills Red Spider, Aphis—for Greenhouse use.

47/100 gal.\$ 7.90
95/100 gal. 11.90

MULTI-PURPOSE SPRAY

ORTHO Garden Spray Set. For use against more prevalent Garden Insects.

Set contains 4-oz. bottle of Extrax Insect Spray, Greenol Liquid Fungicide and Volck Oil Spray. Makes 25 gallons Multi-Purpose Spray\$1.85

ORTHO Garden Spray Set, Jr. 2-oz. bottles of Extrax, Greenol, Volck\$1.50

MULTI-PURPOSE DUST

BOTANO Garden Dust. For use against many insects and diseases. One of the safest multi-purpose dusts that can be used. 10-oz. size also serves as handy garden duster. Includes Rotenone and Pyrethrum.

10-oz. Duster\$.60

MULTI-PURPOSE BAIT

BUG-GETA PELLETS. For use against Principal Foraging Pests. Slugs, Snails, Cutworms, Earwigs, Grasshoppers, Strawberry Root Weevil. Baiting against these pests is easy with the new Bug-Geta Pellets Compressed Baits. 5000 baits in a 2-lb. ctn.

12-oz. Carton\$.35
2-lb. Carton75
5-lb. Carton 1.50
25-lb. Bag 5.60

APPO Cutworm Bait. A new poisoned Apple bait. Kills Cutworms, Strawberry Root Weevil; also Vegetable Weevil, Slugs, Snails.....1-lb. Carton, 45c

CALTOX Garden Dust "525." Especially useful on Tomatoes, Potatoes, Cucumbers, Squash and Melons. Contains Cryolite, Copper and Zinc.
10-oz. Dual Purpose Pkg.....60c

VOLCK Oil Spray. Envelops, wets and smothers many sucking insects. Also spray carrier for other sprays.
4-oz. Bottle, 35c 1-pt. Bottle, 70c
1-Gal. Can\$2.85

ORTHOL Garden Spray. (Garden Volck with DDT.) Kills Aphis, Thrips, Mealybugs and many other insects.
4-oz. Bottle, 35c 16-oz. Bottle, 75c

ORTHO Sowbug Killer. A specially prepared bait for use against Sowbugs and Pillbugs.
1-lb. Can50c

ORTHO Ant and Roach Powder. A Fluorine-Pyrethrum Insecticide for use against Ants, Roaches, Silverfish. Easy to use.
4½-oz. Shaker25c

ANT-B-GON Ant Poison. Four to eight dispensers are enough for average home. Easy to refill. Ants feed from "Wick"—can't get inside. For Argentine and Sweets-eating ants.
Set of four 1-oz. Dispensers, 70c
Ant poison to refill dispensers:
4-oz. Bottle, 25c 1 Pint, 60c

EXTRAX Insect Spray. Contains Rotenone and Pyrethrum. Kills by contact insects such as Aphis, Beetles, Caterpillars, Thrips.
4-oz. Bottle, \$1.00 1 pint, \$2.85
½ Gallon\$9.25

THREE NEW DDT INSECTICIDES

PEST-B-GON Insect Spray. Contains 20% DDT. Kills Beetles, Worms, Thrips, Ants, Leafhoppers; also Houseflies (as screen paint), Mosquitoes, Fleas.
4-oz. Bottle, 65c 1 Pint, \$2.00

PEST-B-GON Insect Dust. Contains 10% DDT. Kills many Thrips, Plant Bugs, Beetles, Worms, Leafhoppers—Fleas, Bedbugs, Roaches, Silverfish, Ants.
10-oz. Duster Package\$.69
2-lb. Package 1.00

PEST-B-GON Wettable. Wettable DDT Powder.....1 lb., \$1.00

ORTHO Lead Arsenate. A stomach poison for use as a spray or dust1 lb., 50c

GREENOL Liquid Fungicide. A copper fungicide used to prevent Powdery Mildew.
4-oz. Bottle, 60c 1 Pint, \$1.50
½ Gal.\$5.00

ORTHO "BORDO" Mixture. Prepared Bordeaux Mixture.
1 lb.40c

FLOTOX Garden Sulfur. Finely powdered. Use as a dust or spray. 26 ozs.....35c

CONTAX Sealing Compound. Protect cuts and tree wounds. Also has many other uses.
1 Gallon Can\$1.50

ORTHO Rose Spray Kit. Special Combination Offer. Contains 2-oz. bottle "Extrax" for Aphis and other insects and 2-oz. bottle "Greenol" to prevent certain Powdery Mildews. Makes 12 gallons spray. Used for vegetables, tooEach Kit, \$1.00

ORTHO Rose Dust. Complete rose and flower garden dust.
8 oz., \$1.00 1 lb., \$1.25

ORTHO Soil Fumigant. To control Cabbage and Onion Maggot, Sod Webworm.
4-oz. Bottle, 35c 1 Pint, \$1.00

TRIOX. Poisons soil and prevents weeds from growing. Use on driveways, walks, and other places where no vegetation is wanted.
1-Qt. Can, \$1.00 1-Gal., \$3.50

WEED-B-GON Weed Killer. Contains 2, 4-D. A hormone spray for killing Wild Morning-Glory (Bindweed), Poison Oak, Poison Ivy, Plaintain, Dandelion. Use on grass lawns (not Dichondra, Lippia or Clover).
4-oz. Bottle, 50c 1 Pint, \$1.50

ORTHO Rat Bait Pellets. Ready-to-use Red Squill Baits. Poisoned rats seek underground burrows before dying.
2-oz. Carton, 25c 6-oz. 45c

SCRAM Dog Repellent. A special powder used to keep dogs away from shrubs, flowers, lawns, store fronts, porches, etc. Easy to use. Does not harm animals.
8-oz. Shaker50c

ORTHO-PET Flea Powder.
1½-oz. Puffer Package.....35c



Send all orders to Gill Bros. Seed Co. for these products. If ordered by mail be sure to include sufficient extra for postage.

Index

VEGETABLE SEEDS

	Page
Artichokes	2
Asparagus—Seed—Roots	2
Beans, Baking	5
Beans, Garbanza	5
Beans, Bush	2
Beans, Lima	5
Beans, Pole	4
Beans, Soy Edible	5
Beans, Windsor	5
Beets, Table	6
Beets, Mangel	6
Beets, Sugar	6
Broccoli, Green	8
Brussels Sprouts	8
Cabbage	7
Cardoon	8
Carrots	10
Cauliflower	9
Celeriac	11
Celery	11
Celtuce	9
Chard, Swiss	6
Chicory	8
Chinese Cabbage	11
Corn, Field	14
Corn, Pop	13
Corn Salad	11
Corn, Sweet	12-13
Cress	8
Cucumbers	15
Dandelion	10
Dill	11
Egg Plant	14
Endive	11
European Garden Collection	26
Florence Fennel	13
Garlic	20
Herb Seed	24
Kale	16
Kohl Rabi	14
Lawn Grass	32
Leek	16
Lettuce (Other than N.Y.)	16
Lettuce, New York Types	17
Mushroom Spawn	16
Muskmelon	19
Mustard	18
Okra	20
Onion Plants	20
Onion Seed	21
Onion Sets	20
Parsley	23
Parsnips	23
Peanuts	22
Peas, Garden	22-23
Peppers	23
Potatoes, Irish	24
Potatoes, Sweet	24
Pumpkin	24
Radish	25
Rapa	25
Rhubarb—Seed	25
Rutabaga	31
Salsify	25
Spinach	26
Squash, Summer	28
Squash, Winter Types	27-28
Tampala	31
Tobacco	31
Tomatoes	29-30-31
Turnips	31
Watermelon	18

FLOWER SEEDS

See pages 33 to 48 inclusive, arranged mainly in alphabetical order. Some main types as follows:

Alyssum	34
Asters	33
Aquilegia (Columbine)	34

Calendula	35
California Poppies	36
Candytuft	36
Canterbury Bells	36
Carnation	36
Clarkia	37
Cosmos	37
Dahlia Seed	38
Delphinium	38
Larkspur	41
Marigold	41
Nasturtium	42
Pansies	43
Petunias	43
Primrose	44
Salpiglossis	45
Salvia	45
Scabiosa	45
Snapdragon	46
Sweet Peas	47-48
Sweet Williams	46
Verbenas	49
Wallflowers	49
Zinnias	49-50

FLOWERING BULBS

(SPRING)

Agapanthus	50
Amaryllis	50
Bearded Iris (Notes)	52
Begonias	51
Bleeding Heart	50
Caladium	51
Calla Lilies	51
Cannas	52
Colchicum (Autumn Crocus)	51
Dahlias	56-57-58-59-60
Dutch Iris	52
Gladiolus	54-55-56
Hardy Lilies	52
Lily of the Valley	52
Montbretias	52
Peruvian Lilies	51
Tigridias	52
Tuberoses	52
Tritoma	52

PLANTS and ROOTS

Rhubarb, Root Divisions	54
Horse Radish	16
Strawberries, Everbearing	54
Vegetable Plants	53

GARDEN SUPPLIES

Black Leaf 40	61
Calomag (Millers Garden)	61
Ceresan (New Improved)	61
Compost Maker (Millers Garden)	61
Dusting Sulphur	61
Fertilizers	60
Field Seed and Grasses	62
Fix (Thompson's)	61
Fruitone	61
Hotkaps	61
Knee Pads	61
Mole Killer (Forces)	62
Nitrogen	62
Ortho Products	63
Pest Control (Ortho.)	63
Plant Protectors	61
Rootone	61
Rotenone Dust	61
Semesan Products	61
Spargon	61
Transplantone	61
Trainetts	62
Twist-Ems	62

OUR BARGAIN COUNTER

We offer this page of real bargains with the idea of encouraging a trial of our various lines, and we assure all that these are not makeshift bargains to unload worthless stock, but are genuine offers of the same standard of goods with which we supply our regular trade. All of the goods offered are for prompt delivery, weather conditions being favorable. Dahlias will be sent in April. All prices are postpaid.

Cottage Dahlia Collection

A fine collection of named varieties, all labeled, which will provide a good range of color. Five varieties of our own selection, representing several classes of Dahlias and worth \$2.50, for \$1.90 postpaid.

Home Beautiful Sweet Peas

Twelve regular sized packets of Spencer Sweet Peas, our selection of named varieties, all different, worth \$1.20, sent postpaid for 75c. Six packets, postpaid for 40c. These will be chosen to give a good range of color. Do not order this collection based on your own selection.

Perennial Rock Garden Collection

We offer 10 packets of rock garden perennials, worth \$1.30 for \$1.00 postpaid.

ALYSSUM, Saxatile Compactum, yellow	.10
ARMERIA, Formosa Hybrids, pink and rose shades	.10
AUBRIETIA, Large Flowering Hybrids, mixed	.15
CERASTIUM, Snow in Summer	.15
DIANTHUS, Double Dwarf, clove pink, mixed	.10
HELIANTHEMUM (Sun Rose) Mutabile, mixed	.10
LINUM, Flavum, yellow	.15
PRIMROSE, Auricula, mixed	.25
VIOLA CORNUTA, Mixed colors	.10
WALLFLOWER, Siberian, orange	.10

\$1.30

Home Vegetable Collection

Thirty-four regular sized packets, worth \$3.40, sent postpaid for \$2.25. Positively no changes permitted.

(Save \$1.15)

Regular Price

BEANS, Improved Tendergreen	.10
BEANS, Stringless Blue Lake, White Seeded	.10
BEANS, Pencil Pod Black Wax (Bush)	.10
BEEF, Detroit Dark Red	.10
SWISS CHARD, Lucullus	.10
GREEN BROCCOLI, Medium Calabrese	.10
BRUSSELS SPROUTS, Oregon Special	.10
CABBAGE, Copenhagen Market (Early)	.10
CABBAGE, Oregon Ballhead (Late)	.10
CARROT, Nantes Special (Early)	.10
CARROT, Oregon Chantenay (Later)	.10
SWEET CORN, Early Golden Sweet	.10
SWEET CORN, Improved Golden Bantam	.10
CUCUMBER, Colorado	.10
CUCUMBER, Chicago Pickling (for pickling)	.10
DILL, Mammoth	.10
LETTUCE, Tomhannock (Loose Leaf)	.10
LETTUCE, New York Supreme (Head Lettuce)	.10
MUSKMELON, Spear Melon	.10
MELON, Casaba, Cranshaw	.10
WATERMELON, Black Seeded Ice Cream	.10
ONION, Utah Sweet Spanish	.10
PARSNIP, Success	.10
PEAS, Laxton's Progress (Dwarf Early)	.10
PEAS, Stratagem (Dwarf Late)	.10
PUMPKIN, Orange Winter Luxury	.10
RADISH, Comet	.10
RADISH, White Icicle	.10
RADISH, Scarlet China (Winter)	.10
RUTABAGA, Laurentian	.10
SQUASH, Golden Delicious	.10
SQUASH, Zucchini (Summer)	.10
SPINACH, New Giant Leaf	.10
TURNIP, Orange Jelly or Golden Ball	.10

\$3.40

Vegetable Collection For Early Starting

This collection embraces those suited for home gardeners who wish to start plants in flats or hot beds, and which require early planting. Order this early and have them on hand when needed.

9 Packets, worth \$1.05, for 75c, Postpaid.

CABBAGE, Copenhagen Market (Early)	.10
CABBAGE, Glory of Enkhuizen (Summer)	.10
CAULIFLOWER, Super Snowball (Early)	.15
CELERY, Utah Jumbo (Green)	.15
EGG PLANT, Black Beauty	.10
LETTUCE, Improved "B"	.10
PEPPERS, California Wonder	.10
TOMATO, The Pritchard	.10
TOMATO, New Jubilee (Orange)	.15

Perennial Flower Seed Collection

9 Regular Packets, worth \$1.50, for \$1.00, Postpaid.

CARNATION, Giant Flowering Mixed	.10
DELPHINIUM, Pacific Giants Mixed	.35
DIANTHUS, Double Dwarf Clove Pink Mixed	.10
GAILLARDIA, Portola Hybrids Mixed	.10
COREOPSIS, Double Sunburst	.15
JERUSALEM CHERRY	.25
PANSY, Gill's Oregon Giants Mixed	.15
PYRETHRUM, Hybridum Mixed	.15
GEUM, Lady Stratheden	.15

Early Vegetable Offer

This collection offers home gardeners a fine selection of vegetable seed for growing an early garden out of doors. Order now and have them available for planting the first seasonable opportunity in the early Spring. Get them early and be ready before the Spring rush. One packet each of the following:

15 Packets, regular value \$1.50, sent Postpaid for \$1.10.

BEETS, Gardeners Model	.10
SWISS CHARD, Lucullus	.10
CARROTS, Oregon Chantenay	.10
LETTUCE, Improved B	.10
LETTUCE, Oakleaf	.10
MUSTARD, Fordhook Fancy	.10
ONION, Select Oregon Yellow Danvers	.10
ONION, White Lisbon (Green Onions)	.10
PARSLEY, Triple Moss Curled	.10
PARSNIP, Tender Heart	.10
PEAS, Morse's Progress No. 9	.10
RADISH, Comet	.10
RADISH, Sparkler White Tipped	.10
SPINACH, Giant Leaf	.10
TURNIPS, Early White Milan	.10

Annual Bedding Flower Collection

10 Regular Packets, worth \$1.25, for 90c, Postpaid.

ASTER, Giant Crego Mixed	.10
ALYSSUM, Little Gem	.10
CANDYTUFT, Mixed	.10
LOBELIA, Crystal Palace Compacta	.10
PETUNIA, Defiance Largest Mixed	.25
SALVIA, Bonfire	.15
SCHIZANTHUS, Giant Mixed	.15
SNAPDRAGON, Giant Maximum Mixed	.10
STOCK, Giant Perpetual Mixed	.10
WALLFLOWER, Double Early Wonder	.10

GILL BROS. SEED CO.

1948

SUGGESTING AN IRISH STEW:

CELERY, Utah Jumbo

CARROTS, Gills Special Nantes

ONIONS, Downing's Long Keeper Yellow Globe